PHASE II ENVIRONMENTAL SITE ASSESSMENT

GE AVIATION – YAKIMA, WA

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Date: May 2013

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	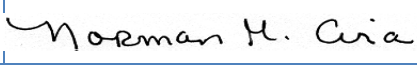
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EXECUTIVE SUMMARY

Introduction

MWH Americas, Inc. was retained by GE Aviation (GE) to perform a Phase II Environmental Site Assessment (ESA) of the adjacent active GE manufacturing and repair facilities located at 2720, 2804-2806, and 2808 West Washington Avenue, Yakima, Washington (the Site). Initial fieldwork was conducted from March 10 through March 13, 2011. Additional well redevelopment fieldwork was conducted from June 1 through June 3, 2011 and August 1 through August 8, 2011.

The objective of the Phase II ESA was to investigate the potential for environmental impacts to groundwater and soil media from activities at the Site. The work was performed by appropriately trained and experienced personnel in accordance with industry standards, applicable laws and regulations, and GE requirements.

On January 11, 2012, representatives from GE and MWH met with Ecology to discuss the results of the Phase I and Phase II ESAs for the Site. Based on the results of the Phase I and Phase II ESAs and the discussions with Ecology, follow-up actions were agreed and two supplemental investigations were conducted at the Site: 1) additional soil sampling was conducted to investigate detected concentration of PCBs in a groundwater sample collected from a groundwater monitoring well; and, 2) soil and groundwater sampling was conducted in the vicinity of an historical underground storage tank (UST) to confirm closure of the UST. The results of the supplemental investigations have been presented to Ecology under separate covers.

Site Description

The Site consists of approximately 15 acres and, according to the City of Yakima, is zoned for light industrial use. The Site is comprised of three separate addresses:

- A 10.96-acre parcel owned by GE (Main Facility at 2720 W. Washington Ave.) with a two-story structure of approximately 90,000 square-feet (sf) and an approximate 10,000-sf outdoor storage area located on the west side of the building. The outdoor storage area is secured with perimeter fencing; the southern half of the outdoor storage area is covered. The Main Facility includes an approximate 1-acre grass-landscaped area on the north side of the building and an asphalt-paved parking area on the south side of the building.
- Approximately 10,000 sf on the western side of a 25,000-sf partial two-story building (Leased Facility at 2808 W. Washington Ave.) leased from Noland Decoto and located adjacent and West of the Main Facility across South 28th Avenue.
- Approximately 9,700 sf on the eastern side of the same 25,000-sf partial two-story building (Lease Expansion Area at 2804-2806 W. Washington Ave.), leased from Mr. Brad Goodspeed.

The Site is bounded to the north by West Washington Avenue. Wide Hollow Creek and a residential area are north of West Washington Avenue. The Site is bounded to the east and south by Yakima Air Terminal – McAllister Field. The Site is bounded to the west by Noland Decoto Flying Services, Inc., which is comprised of sheet metal hangars and asphalt paved areas contiguous to the Yakima Airport.

Scope of Work

The scope of work for the field assessment activities described below was developed to provide adequate coverage of the Site for evaluating potential areas of concern identified during two Phase I ESAs of the Site conducted by MWH in 2009 (MWH, 2009) and 2010 (MWH, 2010).

- Drilling of 18 soil borings (SB1 to SB18) to a maximum depth of 10.0 to 15.0 feet (ft) below ground surface (bgs).
- Drilling and installation of seven groundwater monitoring wells (MW-1 to MW-7), each with a total depth of 15.0 ft bgs.
- Collection of two soil samples from each soil boring (except soil borings SB-10 and SB-12) and groundwater monitoring well boring from the near surface, and boring terminus (or above first encountered groundwater) for a total of 53 soil samples, including five duplicate samples. One sample was collected from SB-10 and SB-12 at the near surface due to drill head refusal encountered at 2 ft bgs at each location as a result of difficult drilling conditions beneath the Main Facility.
- Collection of one groundwater sample from each new and two existing (EW-A and EW-B) groundwater monitoring wells and an on-site irrigation well (from approximately 84 ft bgs) for a total of eleven samples, including one duplicate sample.
- Collection of one rinse blank sample of decontaminated non-disposable sampling equipment.
- Collection of three laboratory prepared trip blank samples transported with the samples to the laboratory for volatile organic compounds (VOC) analysis.
- Collection of one composite sample each of liquid and solid (soil cuttings) investigative derived waste (IDW) generated during the Phase II ESA for waste characterization purposes.

The collected samples were analyzed according to the following analytical methods:

- Fifteen Priority Pollutant Metals (antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, tin, and zinc) by US Environmental Protection Agency (USEPA) method 6020/7470A;
- Volatile organic compounds (VOCs) by USEPA method 8260B;
- Semi-volatile organic compounds (SVOCs) by USEPA method 8270C; and,
- Polychlorinated biphenyls (PCBs) by USEPA method 8082.

IDW soil and water composite samples were analyzed for the following analytical methods:

- Toxicity Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals (arsenic, cadmium, chromium, iron, lead, mercury, nickel, and silver) by USEPA method 1311/6020/7471A;
- TCLP VOCs by USEPA method 1311/8260B;
- TCLP SVOCs by USEPA method 1311/8270C;
- PCBs by USEPA method 8082;
- Total cyanide; and,
- Total sulfides.
- The liquid composite sample was additionally analyzed for pH.

Due to detected concentrations of analytes in groundwater samples collected during the initial groundwater sampling event and the observation of significantly elevated turbidity in the samples, well redevelopment and sampling was conducted to

confirm if analyte detections were associated with solids present in the groundwater samples. The groundwater monitoring well redevelopment and sampling event was conducted in June 2011. Redevelopment activities included:

- Redevelopment of three groundwater monitoring wells (two newly installed groundwater monitoring wells [MW-5 and MW-7] and one existing groundwater monitoring well [EW-B]) by hand surging with a surge block then bailing and pumping.
- Collection of one groundwater sample from each redeveloped groundwater monitoring well for a total of four groundwater samples, including one duplicate sample.
- Collection of one laboratory-prepared trip blank sample transported with the samples to the laboratory for VOC analysis.
- Collection of one rinse blank sample of decontaminated, non-disposable sampling equipment.

Groundwater sample results from the first round of groundwater monitoring well redevelopment and sampling indicated that the analyte detections from the original sampling event were associated with solids present within the turbid samples as the analyte concentrations detected in groundwater samples from MW-5 and MW-7 following redevelopment were either non-detect or significantly less than those previously detected. A second groundwater monitoring well redevelopment and sampling event was conducted in August 2011 to reconfirm the results of the first groundwater monitoring well redevelopment and sampling event. Redevelopment activities included:

- Redevelopment of six groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-6 and EW-A) by hand-surging with a surge block then bailing and pumping.
- Collection of one groundwater sample from each of the groundwater monitoring wells (MW-1 to MW-7, EW-A and EW-B) for a total of ten groundwater samples, including one duplicate sample.
- Collection of two laboratory-prepared trip blank samples transported with the samples to the laboratory for VOC analysis.
- Collection of one rinse blank sample of decontaminated non-disposable sampling equipment.

All groundwater monitoring well redevelopment samples collected in both June and August 2011 were analyzed for metals and VOCs to confirm detections of those analytes in samples collected during the initial Phase II fieldwork. The samples were analyzed according to the following analytical methods:

- Fifteen Priority Pollutant Metals (as described above) by USEPA method 6020/7470A.
- VOCs by USEPA method 8260B.
- Hexavalent chromium by SM 3500 CR.

Local Geologic and Hydrogeologic Conditions

In general, the subsurface at the Site consists of approximately 10 ft of silt with lenses of silty sand, poorly graded sand, and high plasticity clay. The building foundation is underlain with non-native silty gravel fill material extending from 1 ft to 4 ft bgs. One water-bearing zone was encountered during drilling at approximately 4 to 7 ft bgs located generally above the silty clay layer. The groundwater flow direction for the water-bearing zone is to the east-southeast at a gradient of approximately 0.8 percent.

Field Sampling Data

Groundwater

During initial groundwater monitoring well development and sampling, all groundwater monitoring wells were observed to be turbid. After development, all groundwater monitoring wells were still visually turbid with the exception of monitoring well MW-1. Measureable sediment was observed in groundwater monitoring wells MW-4, MW-5, and MW-7 during development and in MW-7 after development. No odors were observed. Purged groundwater and samples collected following development were turbid from all wells.

During the first groundwater monitoring well redevelopment and sampling event in June 2011, approximately 2 ft of sediment was removed from monitoring wells MW-5 and MW-7. Existing groundwater monitoring well EW-B was repeatedly purged dry during development and had a slow recovery rate. None of the groundwater monitoring wells exhibited turbid groundwater during sampling (all less than 10 Nephelometric Turbidity Units [NTUs]). No odors were identified.

During the second groundwater monitoring well redevelopment and sampling event in August 2011, all groundwater monitoring wells that were redeveloped initially exhibited turbid brown colored water. Following redevelopment, groundwater samples from all groundwater monitoring wells were clear (less than 10 NTUs) and free of visible turbidity. No odors were identified.

Soil

Recovered soil samples were screened for organic vapor levels using a photoionization detector (PID). PID readings ranged from 0 to 5.3 parts per million (ppm) during drilling activities. No odor was observed in samples collected from the soil borings or monitoring wells.

Analytical Results

Following receipt of the laboratory analytical results, the data were compared to the following screening criteria:

- Ground Water – Washington Department of Ecology (Ecology) Model Toxic Control Act (MTCA) Method A Table Values (Method A) and MTCA Method B Standard Formula Values (Method B). Detected concentrations were screened using MTCA Method B carcinogen and non-carcinogen values, whichever was lower. If no MTCA Method B value was available, detected concentrations were compared to MTCA Method A. All detected results were also compared to Washington Department of Health (WADOH) Maximum Contaminant Levels (MCLs).
- Soil – MTCA Method A Standard Formula Values for Industrial Use and Unrestricted Land Use (Method A) and MTCA Method B Standard Formula Values (Method B). Detected concentrations were compared to MTCA Method B carcinogen and non-carcinogen values, whichever was lowest. If no MTCA Method B value was available, detected concentrations were compared to MTCA Method A values for unrestricted land use. Metals were also screened against Yakima Basin background concentrations as defined in *Natural Background Soil Metals Concentrations in Washington* State (Ecology, 1994).

Groundwater Samples

Initial Groundwater Sampling Event

During the initial sampling event, 10 groundwater samples (including one duplicate) collected from existing and new groundwater monitoring wells and one irrigation well sample were analyzed for 15 metals, VOCs, SVOCs, and PCBs. Detections above standards are discussed below.

- Concentrations of arsenic (seven samples, up to 0.084 milligrams per liter [mg/L]), barium, (two samples, up to 17 mg/L), beryllium (two samples, up to 0.048 mg/L), copper (two samples, up to 1.9 mg/L), and nickel (two samples, up to 1.1 mg/L) exceed MTCA Method B criteria (0.0048 mg/L, 3.2 mg/L, 0.032 mg/L, 0.64 mg/L, and 0.32 mg/L, respectively). Concentrations of chromium (four samples, up to 1.6 mg/L) and lead (three samples, up to 0.47 mg/L) exceed the MTCA Method A criteria (0.05 mg/L and 0.015 mg/L respectively).
- Concentrations of tetrachloroethene were detected in one sample (YK-MW-5 at 0.11 micrograms per liter [µg/L]) that exceeds the MTCA Method B criteria (0.081µg/L).
- Concentrations of PCBs (Aroclor 1260) were detected in one sample (YK-MW-7) at 0.27 µg/L that exceeds the MTCA Method B criteria (0.04375 µg/L).

First Groundwater Monitoring Well Redevelopment and Sampling Event

During the first groundwater monitoring well redevelopment and sampling event in June 2011, a total of four groundwater samples (including one duplicate) were collected from monitoring wells MW-5, MW-7 and existing well EW-B. The groundwater samples were analyzed for metals, hexavalent chromium, and VOCs. Arsenic concentrations in all samples (up to 0.0017 mg/L) exceed the MTCA Method B carcinogen criteria (0.00005833 mg/L). No other detected concentrations exceed Ecology MTCA or WADOH screening criteria (where available).

Second Groundwater Monitoring Well Redevelopment and Sampling Event

During the second groundwater monitoring well redevelopment and sampling in August 2011, 10 groundwater samples (including one duplicate) collected from two historical wells (EW-A and EW-B) and the seven monitoring wells installed during the Phase II (MW-1 through MW-7) were analyzed for metals, hexavalent chromium, and VOCs.

No detected concentrations exceed Ecology MTCA or WADOH screening criteria (where available) from samples collected during the second groundwater monitoring well redevelopment and sampling event. This included monitoring wells MW-5, MW-7 and existing well EW-B that previously had arsenic results above MTCA Method B carcinogen criteria.

Soil Samples

Fifty-three soil samples (including five duplicate samples) from 18 soil borings and 7 monitoring well installations were analyzed for metals, VOCs, SVOCs, and PCBs. Arsenic exceeds the background concentration (5.0 mg/kg) and MTCA Method B screening criteria (0.7 mg/kg) in four samples collected from three boring locations (SB-08, SB-10, and SB-11) at concentrations ranging from 5.2 mg/kg to 57 mg/kg. The detected concentration in SB-08 was from a sample collected beneath an asphalt-paved parking area. The detected concentrations in soil borings SB-10 and SB-11 were from samples collected beneath the concrete floor of the Main Facility.

Lead was detected in one sample (SB-11) at a concentration (260 mg/kg) that exceeds the MTCA Method A screening criteria (250 mg/kg); there is no prescribed MTCA Method B screening criteria for lead. This was the only soil sample collected during the Phase II that exceeds the screening criteria for lead. The sample was collected from between 3 to 4 ft bgs beneath the concrete slab of the Main Facility. The sample above this sample in the same boring contained concentrations of lead significantly lower than MTCA Method A unrestricted land use criteria.

It should be noted that background concentrations of lead and arsenic in soil in the Yakima area are higher than those in the rest of the State due to the extensive use of pesticides in orchards within the Yakima basin (DOE, 1994 and Area-Wide Soil Contamination Task Force, 2003). Lead and arsenic have been detected at concentrations exceeding cleanup levels at the Apple Valley Elementary School Voluntary Cleanup Program (VCP) site located less than 5 miles northeast of the Site due to

historical use of pesticides in the area. Thirty-eight out of 40 samples collected from the Apple Valley Elementary School playfield in August 2005 exceeded cleanup levels for arsenic and 23 exceeded for lead. The average arsenic concentration was 54.4 mg/kg and the maximum concentration detected was 124.2 mg/kg. The average concentration for lead was 322.4 mg/kg and the maximum concentration was 1,082.9 mg/kg (DOE, 2012). The concentrations of arsenic and lead detected at the Site are significantly less than these detected at the Apple Valley Elementary School site.

Investigative Derived Waste

Two composite grab samples (one liquid and one solid) collected from Investigative Derived Waste (IDW) drums during the initial field event were analyzed for metals, VOCs, SVOCs, PCBs, total cyanide, total sulfides, and pH (liquid sample only). Based on the results, the waste was non-hazardous. Analytical results from the IDW analysis and groundwater well redevelopment field events were provided to the Site and GE handled the disposal of the waste generated during the Phase II ESA investigations.

TABLE OF CONTENTS

EXECUTIVE SUMMARY iii

1. INTRODUCTION 1
   1.1. Project Objectives and Scope of Work 1
   1.2. Report Organization 3
2. SITE BACKGROUND 5
   2.1. Site Description and Adjoining Properties 5
   2.2. Site Operations 5
   2.3. Physical Setting 6
3. SITE ASSESSMENT PROGRAM 9
   3.1. Summary 9
   3.2. Preliminary Field and Health and Safety Activities 9
   3.3. Field Sampling Activities 10
   3.4. Laboratory Analysis 12
   3.5. Site Restoration 13
   3.6. Sample Location Survey 13
   3.7. Investigative Derived Waste 13
4. RESULTS OF SITE ASSESSMENT PROGRAM 15
   4.1. Local Geological and Hydrogeological Conditions 15
   4.2. Data Quality Review 15
   4.3. Screening Criteria 16
   4.4. Analytical Results 16
5. SUMMARY OF FINDINGS 21
6. REFERENCES 25
7. LIMITATIONS 27

LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	Site Layout Map with Sampling Locations
Figure 3	Geologic Cross Section A-A'
Figure 4	Geologic Cross Section B-B'
Figure 5A	Groundwater Potentiometric Surface March 2011
Figure 5B	Groundwater Potentiometric Surface August 2011
Figure 6	Groundwater Detected Results
Figure 7	Soil Detected Results

LIST OF TABLES

Table 1	Groundwater Elevation Data
Table 2	Summary of Groundwater Analytical Results
Table 3	Summary of Soil Analytical Results

LIST OF APPENDICES

Appendix A	Daily Field Reports
Appendix B	Boring Logs
Appendix C	Laboratory Reports

1. INTRODUCTION

On behalf of GE Aviation (GE), MWH Americas, Inc. (MWH) conducted a Phase II Environmental Site Assessment (ESA) at the active GE manufacturing and repair facilities located at 2720, 2804-2806, and 2808 West Washington Avenue, Yakima, WA (the Site). The location of the Site is shown on Figure 1.

1.1. Project Objectives and Scope of Work

The objective of the Phase II ESA was to investigate the potential for environmental impacts to groundwater and soil media from activities at the Site. The work was performed by appropriately trained and experienced personnel in accordance with industry standards, applicable laws and regulations, and GE requirements. The Phase II scope included:

- Drilling of 18 soil borings (SB1 to SB18) to a maximum depth of 10.0 to 15.0 feet (ft) below ground surface (bgs).
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- Volatile organic compounds (VOCs) by USEPA method 8260B;
- Semi-volatile organic compounds (SVOCs) by USEPA method 8270C; and,
- Polychlorinated biphenyls (PCBs) by USEPA method 8082.

IDW soil and water composite samples were analyzed for the following analytical methods:

- Toxicity Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals (arsenic, cadmium, chromium, iron, lead, mercury, nickel, and silver) by USEPA method 1311/6020/7471A;

- TCLP VOCs by USEPA method 1311/8260B;
- TCLP SVOCs by USEPA method 1311/8270C;
- PCBs by USEPA method 8082;
- Total cyanide; and,
- Total sulfides.
- The liquid composite sample was additionally analyzed for pH.

Due to detected concentrations of analytes in groundwater samples collected during the initial groundwater sampling event and the observation of significantly elevated turbidity in the samples, well redevelopment and sampling was conducted to confirm if analyte detections were associated with solids present in the groundwater samples. The first groundwater monitoring well redevelopment and sampling event was conducted in June 2011. Redevelopment activities included:

- Redevelopment of three groundwater monitoring wells (two newly installed groundwater monitoring wells [MW-5 and MW-7] and one existing groundwater monitoring well [EW-B]) by hand surging with a surge block then bailing and pumping.
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Groundwater sample results from the first round of groundwater monitoring well redevelopment and sampling indicated that the analyte detections from the original sampling event were associated with solids present within the turbid samples as the analyte concentrations detected in groundwater samples from MW-5 and MW-7 following redevelopment were either non-detect or significantly less than those previously detected. A second groundwater monitoring well redevelopment and sampling event was conducted in August 2011 to reconfirm the results of the first groundwater monitoring well redevelopment and sampling event. Redevelopment activities included:

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- Collection of two laboratory-prepared trip blank samples transported with the samples to the laboratory for VOC analysis.
- Collection of one rinse blank sample of decontaminated non-disposable sampling equipment.

All groundwater monitoring well redevelopment samples collected in both June and August 2011 were analyzed for metals and VOCs to confirm detections of those analytes in samples collected during the initial Phase II fieldwork. . The samples were analyzed according to the following analytical methods:

- Fifteen Priority Pollutant Metals (antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, tin, and zinc) (as described above) by USEPA method 6020/7470A.
- VOCs by USEPA method 8260B.
- Hexavalent chromium by SM 3500 CR.

1.2. Report Organization

The presentation of this report is organized as follows.

Section 1	Introduction, including project objectives, scope of work, summary of previous assessments/findings, and report organization
Section 2	Site background, including site description and adjoining properties, site operations, and the physical setting
Section 3	Site assessment program, including preliminary field and health and safety activities, field sampling activities, laboratory analysis, site restoration, site survey, and investigation derived waste management
Section 4	Results of the site assessment program, including local geologic and hydrogeologic conditions, data quality review, screening criteria, and the analytical results
Section 5	Summary of the site assessment program
Section 6	List of references cited
Section 7	Limitations to this report

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2. SITE BACKGROUND

2.1. Site Description and Adjoining Properties

The Site is located at 2720, 2804-2806, and 2808 W. Washington Ave. in Yakima, WA (Figure 1). The Site consists of approximately 15 acres and, according to the City of Yakima, is zoned for light industrial use. The Site is comprised of three separate addresses:

- A 10.96-acre parcel owned by GE (Main Facility at 2720 W. Washington Ave.) with a two-story structure of approximately 90,000 square-feet (sf) and an approximate 10,000-sf outdoor storage area located on the west side of the building. The outdoor storage area is secured with perimeter fencing; the southern half of the outdoor storage area is covered. The Main Facility includes an approximate 1-acre grass-landscaped area on the north side of the building and an asphalt-paved parking area on the south side of the building.
- Approximately 10,000 sf on the western side of a 25,000-sf partial two-story building (Leased Facility at 2808 W. Washington Ave.) leased from Noland Decoto and located adjacent and west of the Main Facility across South 28th Avenue.
- Approximately 9,700 sf on the eastern side of the same 25,000-sf partial two-story building (Lease Expansion Area at 2804-2806 W. Washington Ave.), leased from Mr. Brad Goodspeed.

The main entrance to the Site is via South 28th Avenue. The Main Facility is on the east side of South 28th Avenue and the Leased Facilities are to the west. The Main Facility is surrounded by asphalt-paved parking areas to the south and east and a grassy landscaped area to the north. The Leased Facilities are surrounded by asphalt-paved parking areas and access roads. The Site layout is shown on Figure 2. The Site is bounded to the north by West Washington Avenue. Wide Hollow Creek and a residential area lie beyond West Washington Avenue further to the north. The Site is bounded to the east and south by Yakima Air Terminal – McAllister Field, and to the west by Nolan Decoto Flying Services, Inc., which is comprised of sheet metal hangars and asphalt paved areas contiguous to the Yakima Airport.

2.2. Site Operations

The Site was historically used for agricultural activities and a farmhouse was located on the Site, north of the Main Facility in the present day grassy landscaped area. The farmhouse was not visible on historical aerial photographs of the Site; however, a structure is identified on historical topographic maps in the location identified by Site contacts as the location of the historical farmhouse. According to information obtained from the Yakima County Assessor, the Main Facility was reportedly constructed in 1968. The Main Facility has been used for the manufacturing of aerospace parts including hydraulic actuators, since its construction.

Operations at the Leased Facility consist of repair of current and discontinued hydraulic actuators and high pressure testing of actuators. The Leased Facility contains two chiller units on the western portion of the building, one power unit, and one associated water well. GE moved into the Lease Expansion Area in 2010/2011. The area was formerly operated by Accurate Metallurgical (25% of the leased space) and Proflaps (75% of the leased space). Accurate Metallurgical performed heat treating of small metal parts (e.g., sprockets) using high temperature ovens. Proflaps operations consisted of cutting, shaping,

and minor painting of the plastic and metal used in the production of mud flaps (MWH, 2010). The Lease Expansion area is used for storage; however, MWH did not visit this area during the course of the Phase II ESA field activities.

The Site designs, manufactures, assembles, tests, and ships hydraulic actuators for commercial and military uses. Operations include receiving of raw materials, machining, parts cleaning, painting, assembly of parts into units, testing of units, and shipping units off-site for delivery. Process areas and equipment are identified in Figure 2. A bulk chemical storage area is located outdoors adjacent to the northwestern corner of the Main Facility. The hazardous waste storage area is located adjacent to the south end of the bulk chemical storage area. A dye penetrant test area and a closed-loop parts washing system are located in the southern portion of the building. A paint room, hydraulic oil coolant room, Skydrol oil pump room, mill oil pump room, and fuse test area are located in the southeastern portion of the building. A water evaporative system and degreasing system are located just north of the paint room. Trichloroethylene (TCE) was used in the degreaser until January 2010, when TCE was replaced with HFE-72DE, a proprietary solvent manufactured by 3M Company primarily comprised of trans-1,2-dichloroethylene (68 – 72% by weight).

A 1,200 gallon concrete underground storage tank (UST) was formerly located in the southern portion of the bulk storage area. The historical UST stored oil-water immersions used for cooling machining operations (PLSA, 2008). A small leak from a deteriorating 1 ½-inch pipeline was discovered by GE in November 2007 and reported to Washington Department of Ecology (Ecology). Following the Ecology investigation, a volume measuring approximately 10 ft wide, 20 ft long, and 9 ft deep was excavated to remove the UST and impacted soil.

2.3. Physical Setting

2.3.1. Site Vicinity Topography and Hydrology

The City of Yakima is located in south-central Washington within the Yakima River Basin. Elevations in the Yakima River Basin range from an elevation of over 8,000 ft above mean sea level (amsl) in the Cascade Range west of Yakima, where the Yakima River originates, to about 340 ft amsl at the convergence of the Yakima and Columbia rivers southeast of Yakima. The Site is located at approximately 1,080 ft amsl. The basin includes approximately 1,900 river miles of perennial streams and drains an area of approximately 6,155 square-miles (Geo-ecology Research Group, 2005). The nearest major surface water feature to the Site is Wide Hollow Creek, a tributary to the Yakima River, located approximately 0.03 miles to the north.

2.3.2. Regional Geology and Hydrogeology

The Columbia Plateau is divided into three physiographic sub-provinces. The western margin is composed of the Yakima Fold Belt, which includes the Yakima River Basin. The Yakima Fold Belt is a highly folded and faulted area and is underlain by various consolidated rocks of Precambrian to Quaternary age, and unconsolidated materials and volcanic rocks of Quaternary age. In the Yakima River Basin, the headwater areas in the Cascade Range include metamorphic, sedimentary, and intrusive and extrusive igneous rocks. The central, eastern, and southwestern areas of the basin are composed of basalt lava flows from the Columbia River Basalt Group (CRBG) with discontinuous and weakly consolidated sediments. The lowlands are underlain by unconsolidated and weakly consolidated valley-fill composed of glacial, glacio-fluvial, lacustrine, and alluvium deposits that exceeded 1,000 ft in thickness. Wind-blown deposits, called loess, occur along the lower valley (United States Geologic Survey [USGS], 2006).

The CRBG is an important aquifer system. The overlying alluvial aquifers are highly permeable and are heterogeneous due to their deposition within the fluvial environment where the processes of cut and fill alluviation by the Yakima River and tributaries

occurred. The Cascade Range rocks store and transmit little water via aquifer systems, and the majority of runoff flows at the surface (Geo-ecology Research Group, 2005).

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3. SITE ASSESSMENT PROGRAM

3.1. Summary

The site assessment program was designed to provide adequate coverage of the Site for evaluating areas of potential environmental concerns identified by GE based on previous Phase I ESAs conducted at the Site (MWH, 2009; MWH, 2010). The site assessment program included analysis of groundwater and soil media. Initial fieldwork was conducted from March 10 through March 13, 2011. Well redevelopment fieldwork was conducted from June 1 through June 3, 2011 and August 1 through August 8, 2011. Fieldwork was performed by appropriately trained and experienced personnel in accordance with industry standards and applicable laws and regulations. The Site layout with sampling locations is shown on Figure 2. Daily field reports with representative photographs of the field activities are presented in Appendix A.

3.2. Preliminary Field and Health and Safety Activities

3.2.1. Preparatory Field Activities

Prior to conducting fieldwork, the scope of work was reviewed by the field team and a preliminary site walk was conducted by GE and MWH to discuss the site assessment program. On the first day of fieldwork, the field team comprising MWH, Utilities Plus (utility locator), and the drillers walked the Site to review all planned soil boring and monitoring well locations against facility drawings of subsurface utilities and pipelines. A few soil borings were slightly offset to avoid encountering subsurface utilities, blocking vehicle traffic, and hindering facility activities. No locations were offset more than 10 ft from the planned locations.

Equipment mobilization included transportation of drilling equipment (for the initial field event), shipments of sampling equipment and supplies, staging of decontamination equipment, and drum storage. A drum staging location was located near the southwest exterior of the Main Facility during the drilling event and within the Site's waste storage area during the subsequent field events.

3.2.2. Preparatory and Ongoing Health and Safety Activities

A project-specific health and safety plan (HSP) was prepared and utilized by MWH field personnel for this project. The HSP identified roles and responsibilities of key personnel; hazard analyses for anticipated chemical, physical, and physiochemical hazards; personnel protection plan; site safety procedures; decontamination plan; and, an emergency response/contingency plan. The MWH field personnel conformed to the Occupational Safety and Health Administration (OSHA) requirements for training and certifications for this type of work, including 40-hour and 8-hour refresher Hazardous Waste Operations and Emergency Response (HAZWOPER) training.

A preliminary health and safety meeting was performed before the commencement of field activities and a brief tailgate health and safety meeting was conducted prior to each fieldwork day. Potentially hazardous conditions during field activities were continuously evaluated to protect the field team and Site personnel. MWH supplied personal protective equipment (PPE), including hard hats, safety glasses, hearing protection, gloves and steel-toe boots for MWH personnel; MWH's subcontractors supplied appropriate PPE for their own field personnel.

3.3. Field Sampling Activities

3.3.1. Soil Boring Sampling

Eighteen soil borings (SB01 through SB18) and seven borings for monitoring well installations (MW-1 through MW-7) were drilled at the Site, as shown on Figure 2. During drilling activities, a qualified geologist supervised the drilling subcontractor, logged the boring lithology and subsurface materials encountered, collected samples, and described subsurface conditions in accordance with the Unified Soil Classification System (USCS). Organic vapor levels of ambient air and the headspace of recovered soil samples were measured using a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp during drilling activities. Calibration of the PID was performed in accordance with the manufacturer's instructions prior to each day's use.

Drilling was performed by Cascade Drilling using one truck-mounted direct-push rig and one small hand-operated direct-push rig during the course of the fieldwork to meet the project schedule. In general, soil borings were drilled to a depth of 10.0 to 15.0 ft bgs, with exception of three soil borings (SB10, SB11, and SB12) drilled using a small hand-operated direct-push rig to 4.0 ft bgs as the locations were within the Main Facility.

The initial designed maximum depth for monitoring well borings was approximately 80 ft bgs, based on the anticipated depth to water in the area provided by local drillers. Based on preliminary depth to water readings collected from existing monitoring wells MW-A and MW-B, the revised maximum depth for monitoring well borings was set at approximately 10 to 15 ft bgs due to the presence of shallow groundwater.

The subsurface lithology was continuously logged from each 5-ft long, 2-inch diameter acetate-lined barrel sample collected using a direct-push hydraulic probe. A disposable acetate liner was used for each 5-ft sample interval. Boring logs are presented as Appendix B.

In general, two primary soil samples were collected from each boring from the near surface (0 to 0.5 ft bgs) and above first encountered groundwater or the boring terminus using a direct-push rig and an acetate liner. Only one sample from the near surface interval was collected from borings SB10 and SB12 due to difficult subsurface conditions encountered with the hand-operated drill rig beneath the concrete slab of the Main Facility. Soil samples were transferred directly from the acetate sample liners into laboratory-supplied containers with the use of a Terra Core soil sampler, and each sample container was labeled with unique sample identification, sample collection time and date, and requested analyses. As appropriate, each sample container was placed in a self-sealing polyethylene bag to prevent any melted ice water from compromising sample integrity.

3.3.2. Monitoring Well Installation, Development and Groundwater Sampling

Seven groundwater monitoring wells (MW-1 through MW-7) were installed at the Site, as shown on Figure 2. Monitoring well bore holes were drilled using a hollow-stem auger instead of an air-rotary drill as proposed due to the presence of shallow groundwater. The groundwater monitoring wells ranged in depth from 14.2 to 15.0 ft bgs. Monitoring well construction materials consisted of 2-inch schedule 40 PVC blank casing and 10-ft-long, 0.010-inch slotted PVC screens. The filter pack, consisting of coarse sand with fine gravel, was installed up to approximately 1.5 ft above the screen followed by approximately 3 ft of bentonite seal to 1 ft bgs. The wells were capped with concrete and flush-grade well monuments. Well completion forms are presented on the boring logs (Appendix B).

Groundwater monitoring well development was conducted following well installation. Well development consisted of surging water with a surge block and purging the sediment-laden groundwater. Field forms are included in Appendix A.

Groundwater sampling was conducted at least 24 hours after completing well development, and consisted of purging water using a submersible pump and collecting geochemical data at regular intervals until parameters stabilized. One primary groundwater sample was collected from each well using low-flow sampling techniques. In general, the sample water from monitoring wells MW-1, MW-2, and MW-4 through MW-7 was turbid (800 to 1,000+ Nephelometric Turbidity Units [NTUs]) compared to sample water collected from MW-3, MW-A, and MW-B (140 to 231 NTU).

Groundwater levels were measured using an electronic water level meter a minimum of 24 hours after development of the new wells. Measurements were recorded to the nearest 0.01 inch.

The groundwater sample collected from the on-site irrigation well was collected directly from a tap at the well head after purging the well for approximately 5 minutes. Well records indicate that the irrigation well is equipped with a 3 horsepower submersible pump set at approximately 84 ft. bgs. The total depth of the well is approximately 160 ft bgs.

3.3.3. Monitoring Well Redevelopment and Groundwater Sampling

MWH conducted a second field effort in June 2011 to redevelop and sample groundwater monitoring wells which exhibited high turbidity and unexpected detections of analytes to evaluate if reduced turbidity would reduce or eliminate these detections. Three monitoring wells (MW-5, MW-7, and EW-B) were selected for redevelopment in an effort to reduce turbidity observed during initial sampling. Monitoring wells MW-5 and MW-7 were selected due to high turbidity readings during development and sampling (up to 1,000 NTUs) and elevated metal, VOC, and PCB concentrations compared to other monitoring wells. Existing Well B, which is up-gradient and off-site, was selected for comparison. Prior to beginning well development, it was observed that approximately 2 feet of sediment had accumulated in monitoring wells MW-5 and MW-7. Wells were redeveloped by hand with a surge block and sediment-laden groundwater was removed with a stainless steel bailer. Once the visible turbidity of the groundwater had cleared, a submersible pump was used to complete the redevelopment.

A second round of groundwater monitoring well redevelopment and sampling that included the two historical wells and all seven Phase II wells was conducted in August 2011 as a result of the success from the first round of groundwater monitoring well redevelopment and sampling in demonstrating that the original detections were associated with solids present in the groundwater samples. Wells were redeveloped by hand with a surge block and sediment-laden groundwater was removed using a stainless steel bailer. A submersible pump was used to complete the redevelopment.

Groundwater sampling for both redevelopment events was conducted at least 24 hours after completing well redevelopment. Sampling consisted of using low-flow sampling techniques by purging water using a submersible pump and collecting geochemical data at regular intervals until parameters stabilized. One primary groundwater sample was collected from each well using the low-flow pump. Collected groundwater samples from all wells were clear and had turbidity measurements less than 10 NTU.

Groundwater levels for both redevelopment events were measured using an electronic water level meter a minimum of 24 hours after redevelopment. Measurements were recorded to the nearest 0.01 inch.

3.3.4. Sample Identification and Handling

Following sample collection, each sample container was labeled with the following: Site name; unique sample identification (ID) number; the sample collection time and date; and, the requested analysis. Sample containers were checked for integrity and lid closure to prevent leakage, and sample labels were checked for completeness. Batches of sample containers were packaged into coolers packed with ice and fill materials to reduce the likelihood of accidental bottle breakage during transport to the contracted laboratory. Chain-of-custody (COC) procedures were followed for tracking the possession and handling of samples from the time of field collection through laboratory receipt. The COC record was completed and signed by the sampler after sample collection.

3.3.5. Quality Assurance/Quality Control Sampling (QA/QC)

The following QA/QC samples were collected and analyzed to provide information on precision, accuracy, representativeness, comparability, and completeness of the data generated:

- Three equipment rinse blank samples (one per sampling event) were collected by pouring deionized water over decontaminated non-disposable sampling equipment into laboratory-supplied containers. The equipment rinse blank samples were analyzed for all analytical methods requested for the primary soil samples collected.
- Five duplicate soil samples and three duplicate groundwater samples were collected at the same time and location, to the extent possible, using the same sampling techniques as the parent samples. The field duplicate sample identifications for groundwater and soil samples were blind to the laboratory. Duplicates were analyzed for all analytical methods requested for the parent samples.
- Laboratory-prepared trip blank samples were carried into the field and stored with water samples for VOC analysis. A total of five trip blank samples were transported with the samples to the laboratory.

3.4. Laboratory Analysis

The samples were shipped by air courier to Test America located in Seattle, Washington. The analytical reports are presented as Appendix C. Samples were analyzed for the following analytical methods:

- Fifteen Priority Pollutant Metals (antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, tin, and zinc) by USEPA method 6020/7470A;
- Hexavalent chromium by USEPA method 3500 CR;
- VOCs by USEPA method 8260B;
- SVOCs by USEPA method 8270C; and,
- PCBs by USEPA method 8082.
- IDW soil and liquid composite samples were analyzed for the following analytical methods for waste characterization purposes:
  - Toxicity Characteristic Leaching Procedure (TCLP) Resource Conservation and Recovery Act (RCRA) metals (arsenic, cadmium, chromium, iron, lead, mercury, nickel, and silver) by USEPA method 1311/6020/7471A;
  - TCLP VOCs by USEPA method 1311/8260B;

  - TCLP SVOCs by USEPA method 1311/8270C;
  - PCBs by USEPA method 8082;
  - Total cyanide; and,
  - Total sulfides.
- The IDW liquid composite sample was additionally analyzed for pH.

3.5. Site Restoration

All soil borings not intended for monitoring well installation were immediately backfilled upon completion of soil logging and sampling activities. Borings SB10, SB11, and SB12 were backfilled with cement due to the shallow depth. All other borings were backfilled with hydrated 3/8-inch bentonite chips. The surface completions for all borings were matched to the surrounding grade (i.e., gravel, concrete, cold-patch asphalt, or grass turf). Installed monitoring wells were completed with cast iron and PVC well monuments set in a concrete collar. All borings and work areas were swept of debris and cleaned up.

3.6. Sample Location Survey

On March 13, 2011, elevations of final sample locations were surveyed by Gray Surveying and Engineering, Inc., which is licensed for such work in the State of Washington. A copy of the survey report is included in Appendix B. Horizontal coordinates (northings and eastings) are State Plane Coordinate System, Washington State South Zone, North American Datum 1983 (NAD83). Coordinates were determined from static global positioning system (GPS) network observations constrained to National Geodetic Survey Monuments. Elevations are referenced to North American Vertical Datum of 1988 (NAVD88). The ground surface was surveyed for all completed soil borings, and the elevation at ground level and top of casing were surveyed for all installed monitoring wells and existing wells MW-A and MW-B.

3.7. Investigative Derived Waste

Waste generated during conduct of the field sampling activities included soil cuttings, purged groundwater, decontamination liquids, PPE, disposable sampling equipment, and other miscellaneous solid waste. Waste, including PPE and miscellaneous waste, was placed into 55-gallon drums segregated by media type. The drums were labeled accordingly and staged along the southwestern exterior of the Main Facility within a secured area during the drilling event and inside the Site's waste storage area during subsequent redevelopment/sampling events. MWH provided GE with an electronic version of the laboratory analytical results on March 28, 2011, June 23, 2011, and August 25, 2011 in order for GE to properly profile and dispose of the IDW.

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4. RESULTS OF SITE ASSESSMENT PROGRAM

4.1. Local Geological and Hydrogeological Conditions

Geologic cross-sections along two transects are shown on Figures 3 and 4. In general, the subsurface of the Site consists of approximately 10 ft of silt with lenses of silty sand, poorly graded sand, and high plasticity clay. The building foundation is underlain with non-native silty gravel fill material extending from 1 ft to 4 ft bgs.

One water-bearing zone was encountered during drilling at approximately 4 ft to 7 ft bgs located generally above the silty clay layer. The groundwater flow direction for the water-bearing zone is to the east-southeast at a gradient of approximately 0.8 percent, as depicted on Figures 5A and 5B. Groundwater elevation data for all new and existing wells are summarized in Table 1.

4.2. Data Quality Review

A data quality review of the analytical results was performed by MWH to evaluate the usability of the reported data. QC samples were collected and used in conjunction with laboratory QC samples to evaluate the precision, accuracy, representativeness, completeness, and comparability. In general, the results indicate that the dataset is acceptable and usable for the purposes of this Phase II ESA. Copies of the data validation reports are included with the laboratory analytical reports in Appendix C.

Field duplicates of soil and groundwater were used to evaluate the precision of the overall sample collection and analysis process through the calculation of the relative percent difference (RPD) for duplicate pairs. Because precision is affected by several variables including sample heterogeneity, collection procedures, preparation, and analysis, the results of field duplicate analysis were used as additional evidence to support data quality rather than as a basis for accepting or rejecting data.

Trip blank samples are used to determine if samples potentially have been cross-contaminated during sample collection and transportation to the laboratory. Laboratory-prepared trip blank samples were carried into the field and stored with soil and water samples for VOC analysis. A total of four laboratory prepared trip blank samples were transported with the samples to the laboratory for VOC analysis. No VOCs were detected in the samples.

Equipment rinse blank samples are used to determine if samples may have been cross-contaminated from inadequately decontaminated sampling equipment or by source water (tap water and deionized water) used in equipment decontamination. Three rinse blank samples were collected (one for each field event) and analyzed for the same analytes as the primary samples.

Based on the results of the data validation, all data for this Phase II ESA are considered complete and valid as qualified.

- Percent recovery or percent difference issues were noted in several surrogates, laboratory control samples (LCSs), matrix spike/matrix spike duplicates (MS/MSDs), and continuing calibrations across all analyses. Numerous "J" qualifiers (estimated results) were issued as a result, but these do not affect the usability of the data.
- Several method blanks associated with the VOC, SVOC, and metals analysis indicated detections of various analytes. Samples were qualified "B" (indicating blank contamination) if they exhibited detections of these analytes

at concentrations less than 10 times the method blank concentrations. There was no evidence of gross contamination.

- Three samples for hexavalent chromium were analyzed considerably outside of the method-prescribed hold-time. These samples were qualified "R" indicating that they are rejected as unusable.

4.3. Screening Criteria

The analytical results were screened against Ecology Model Toxics Control Act (MTCA), Ecology published background concentrations (metals only), and/or Washington Department of Health (WADOH) screening criteria when applicable and available.

- Ground Water – Ecology MTCA Method A Table Values (Method A) and MTCA Method B Standard Formula Values (Method B). Detected concentrations were screened using MTCA B carcinogen and non-carcinogen values, whichever was lower. If no Method B value was available, detected concentrations were compared to Method A. All detected results were also compared to WADOH Maximum Contaminant Levels (MCLs).
- Soil – MTCA Method A Standard Formula Values for Unrestricted Land Use (Method A) and MTCA Method B Standard Formula Values (Method B). Detected concentrations were compared to MTCA Method B carcinogen and non-carcinogen values, whichever was lowest. If no MTCA Method B value was available, detected concentrations were compared to MTCA Method A values for unrestricted land use. Metals were also screened against Yakima Basin background concentrations as defined in Natural Background Soil Metals Concentrations in Washington State (Ecology, 1994). For purposes of the data discussion below, criteria exceedences were only considered where both the background concentration (where available) and the MTCA Method B carcinogen criteria were exceeded.

4.4. Analytical Results

4.4.1. Groundwater

The groundwater analytical results are presented in Table 2 and depicted on Figure 6.

Initial Groundwater Sampling Event

During the initial sampling event, 10 groundwater samples (including one duplicate) collected from existing and new groundwater monitoring wells and one irrigation well sample were analyzed for metals, VOCs, SVOCs, and PCBs. Detections above standards are discussed below.

- All fifteen Priority Pollutant Metals were detected in at least one of the groundwater samples collected. Concentrations of arsenic (seven samples, up to 0.084 mg/L), barium, (two samples, up to 17 mg/L), beryllium (two samples, up to 0.048 mg/L), copper (two samples, up to 1.9 mg/L), and nickel (two samples, up to 1.1 mg/L) detected in groundwater samples exceed MTCA Method B criteria (0.0048 mg/L, 3.2 mg/L, 0.032 mg/L, 0.64 mg/L, and 0.32 mg/L, respectively). Concentrations of chromium (four samples, up to 1.6 mg/L) and lead (three samples, up to 0.47 mg/L) exceed the MTCA Method A criteria (0.05 mg/L and 0.015 mg/L respectively).
- Concentrations of benzene (one sample at 0.11 µg/L), chlorodibromomethane (one sample at 0.049 µg/L), chloroform (10 samples ranging from 0.061 µg/L to 6.7 µg/L), dichlorobromomethane (two samples at 0.035 µg/L and 0.5 µg/L), dichlorodifluoromethane (irrigation well sample at 1.7 µg/L), ethylbenzene (one sample at 0.031 µg/L),

methyl tert-butyl ether [MTBE] (one sample at 0.025 µg/L), m-xylene & p-xylene (one sample at 0.059 µg/L), tetrachloroethene (nine samples ranging from 0.028 µg/L to 0.11 µg/L), toluene (eight samples ranging from 0.025 µg/L to 1.2 µg/L), and trichloroethene [TCE] (one sample at 0.027 µg/L) were detected below screening criteria. One of the detected VOC concentrations (tetrachloroethene [MW-5 at 0.11 µg/L]) exceeds the MTCA Method B criteria (0.081µg/L).

- Concentrations of benzoic acid (one sample at 3.6 µg/L), diethyl phthalate (one sample at 0.5 µg/L), and di-n-butyl phthalate (six samples ranging from 0.67 µg/L to 0.92 µg/L) were detected. None of the detected SVOC concentrations exceed MTCA Method B criteria.
- PCBs (Aroclor 1260) were detected in one groundwater sample, MW-7, at a concentration of 0.27 µg/L, which exceeds the MTCA Method B criteria (0.04375 µg/L).

First Groundwater Monitoring Well Redevelopment and Sampling Event

Due to detected concentrations of analytes in groundwater samples collected during the initial groundwater sampling event and the observation of significantly elevated turbidity in the samples, well redevelopment and sampling was conducted to confirm if analyte detections were associated with solids present in the groundwater samples. During this first groundwater monitoring well redevelopment and sampling event in June 2011, four groundwater samples (including one duplicate) were collected from one historical well (EW-B) and two groundwater monitoring wells (MW-5 and MW-7) installed during the Phase II. The samples were analyzed for metals and VOCs to confirm detections of those analytes in groundwater samples collected during the initial fieldwork. Hexavalent chromium was also analyzed. Results from the first redevelopment event included:

- Concentrations of ten metals (arsenic, barium, chromium, copper, molybdenum, nickel, selenium, silver, tin, and zinc) were detected in at least one of the groundwater samples collected. Arsenic concentrations in three samples (up to 0.0017 mg/L) exceed the MTCA Method B carcinogen criteria (0.00005833 mg/L). No other metals exceeded a screening criteria.
- Hexavalent chromium was not detected in the samples.
- Concentrations of one VOC (chloroform) were detected in samples collected from existing well EW-B and monitoring well MW-5. The detected chloroform concentrations did not exceed MTCA Method B criteria or WDOH MCLs. VOCs were not detected in the sample collected from MW-7.

Second Groundwater Monitoring Well Redevelopment and Sampling Event

Groundwater sample results from the first groundwater monitoring well redevelopment and sampling event indicated that the analyte detections from the initial groundwater sampling event were associated with solids present within the turbid samples as the analyte concentrations detected in groundwater samples from MW-5 and MW-7 following redevelopment were either non-detect or significantly less than those previously detected. A second round of groundwater well redevelopment and sampling was conducted in August 2011 to reconfirm the results of the first round of groundwater monitoring well redevelopment and sampling. During the second groundwater monitoring well redevelopment effort in August 2011, 10 groundwater samples (including one duplicate) collected from two historical wells (EW-A and EW-B) and the seven monitoring wells installed during the Phase II (MW-1 through MW-7) were analyzed for metals and VOCs to confirm detections of those analytes in groundwater samples collected during the initial fieldwork. Hexavalent chromium was also analyzed. No detected concentrations exceed screening criteria. Results from the second groundwater monitoring well redevelopment and sampling event included:

- Concentrations of seven metals (barium, chromium, copper, molybdenum, silver, tin, and zinc) were detected in all of the samples. Arsenic and lead were not detected in any of the samples.
- Hexavalent chromium was not detected in any of the samples.
- Concentrations of one VOC (chloroform) were detected in samples collected from MW-3 (0.25 µg/L) and MW-4 (0.17 µg/L). No other VOCs were detected in the samples.

4.4.2. Soil

Fifty-three soil samples (including five duplicate samples) from 18 soil borings and 7 monitoring well installations were analyzed for metals, VOCs, SVOCs, and PCBs. The screened analytical results are presented in Table 3.

- Concentrations of all metals (with exception to selenium) were detected in all of the soil samples collected. Arsenic concentrations exceed both published background (5.0 mg/kg) and MTCA Method B screening criteria (0.7 mg/kg) in four samples (SB-08 [0 to 1 ft. bgs], SB-10 [0 to 1 ft. bgs], SB-11 [0 to 1 ft. bgs], and SB-11 [3 to 4 ft. bgs]) at concentrations ranging from 5.2 mg/kg to 57 mg/kg. Lead was detected in SB-11 (3 to 4 ft. bgs) at a concentration (260 mg/kg) that exceeds the MTCA Method A Unrestricted Land Use criteria (250 mg/kg). No other metals exceed screening criteria.
- Concentrations of six VOCs were detected. Chlorobenzene was detected in two samples at concentrations of 0.011 mg/kg and 0.018 mg/kg; chloroform was detected in four samples at concentrations ranging from 0.011 mg/kg to 0.014 mg/kg; methylene chloride was detected in two samples at concentrations of 0.041 mg/kg and 0.046 mg/kg; tetrachloroethene was detected in three samples at concentrations ranging from 0.0052 mg/kg to 0.0085 mg/kg; trans-1,2-dichloroethene was detected in two samples at concentrations of 0.0063 mg/kg and 0.008 mg/kg; and, trichloroethene was detected in four samples at concentrations ranging from 0.0027 mg/kg to 0.016 mg/kg. The detected VOC concentrations did not exceed MTCA Method A or Method B criteria.
- Concentrations of 14 SVOCs were detected. 1-methylnaphthalene was detected in three samples at concentrations ranging from 0.0095 mg/kg to 0.014 mg/kg; 2-methylnaphthalene was detected in four samples at concentrations ranging from 0.0077 mg/kg to 0.023 mg/kg; benzo[a]anthracene was detected in four samples at concentrations ranging from 0.0079 mg/kg to 0.025 mg/kg; benzo[a]pyrene was detected in four samples at concentrations ranging from 0.0069 mg/kg to 0.018 mg/kg, benzo[b]fluoranthene was detected in three samples at concentrations ranging from 0.011 mg/kg to 0.020 mg/kg; benzo[g,h,i]perylene was detected in four samples at concentrations ranging from 0.010 mg/kg to 0.016 mg/kg; benzo[k]fluoranthene was detected in two samples at concentrations of 0.0094 mg/kg and 0.0098 mg/kg; chrysene was detected in four samples at concentrations ranging from 0.0084 mg/kg to 0.042 mg/kg; diethyl phthalate was detected in three samples at concentrations ranging from 0.020 mg/kg to 0.057 mg/kg; fluoranthene was detected in five samples at concentrations ranging from 0.0061 mg/kg to 0.034 mg/kg; indeno[1,2,3-cd]pyrene was detected in one sample at a concentration of 0.0081 mg/kg, phenanthrene was detected in four samples at concentrations ranging from 0.0068 mg/kg to 0.024 mg/kg; phenol was detected in one sample at a concentration of 0.069 mg/kg; and, pyrene was detected in three samples at concentrations ranging from 0.0083 mg/kg to 0.043 mg/kg. The detected SVOC concentrations did not exceed MTCA Method A or Method B criteria (where available).
- Concentrations of PCBs (Aroclor 1254 and Aroclor 1260) were detected in two soil samples (at 0.029 mg/kg and 0.026 mg/kg, respectively). The detected PCB concentrations did not exceed MTCA Method B criteria.

4.4.3. Investigation Derived Waste

Two composite grab samples (one liquid and one solid) collected from Investigative Derived Waste (IDW) drums during the initial field event were analyzed for metals, VOCs, SVOCs, PCBs, total cyanide, total sulfides, and pH (liquid sample only). Based on the results, the waste was non-hazardous. Analytical results from the IDW analysis and groundwater well redevelopment field events were provided to the Site and GE handled the disposal of the waste generated during the Phase II ESA investigations.

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5. SUMMARY OF FINDINGS

Local Geologic and Hydrogeologic Conditions

In general, the subsurface at the Site consists of approximately 10 ft of silt with lenses of silty sand, poorly graded sand, and high plasticity clay. The building foundation is underlain with non-native silty gravel fill material extending from 1 ft to 4 ft bgs. One water-bearing zone was encountered during drilling at approximately 4 to 7 ft bgs located generally above the silty clay layer. The groundwater flow direction for the water-bearing zone is to the east-southeast at a gradient of approximately 0.8 percent.

Field Sampling Data

Groundwater

During initial groundwater monitoring well development and sampling, all groundwater monitoring wells were observed to be turbid. After development, all groundwater monitoring wells were still visually turbid with the exception of monitoring well MW-1. Measureable sediment was observed in groundwater monitoring wells MW-4, MW-5, and MW-7 during development and in MW-7 after development. No odors were observed. Purged groundwater and samples collected following development were turbid from all wells.

During the first groundwater monitoring well redevelopment and sampling event in June 2011, approximately 2 ft of sediment was removed from monitoring wells MW-5 and MW-7. Existing groundwater monitoring well EW-B was repeatedly purged dry during development and had a slow recovery rate. None of the groundwater monitoring wells exhibited turbid groundwater during sampling (all less than 10 Nephelometric Turbidity Units [NTUs]). No odors were identified.

During the second groundwater monitoring well redevelopment and sampling event in August 2011, groundwater samples from all groundwater monitoring wells were clear (less than 10 NTUs) and free of visible turbidity. No odors were identified.

Soil

Recovered soil samples were screened for organic vapor levels using a photoionization detector (PID) during drilling activities. PID readings ranged from 0 to 5.3 parts per million (ppm) during drilling activities. No odor was observed in samples collected from the soil borings or monitoring wells.

Analytical Results

Groundwater Samples

<u>Initial Groundwater Sampling Event</u>

During the initial groundwater sampling event, 10 groundwater samples (including one duplicate) collected from existing and new groundwater monitoring wells and one irrigation well sample were analyzed for 15 metals, VOCs, SVOCs, and PCBs. Detections above standards are discussed below.

- Concentrations of arsenic (seven samples, up to 0.084 milligrams per liter [mg/L]), barium, (two samples, up to 17 mg/L), beryllium (two samples, up to 0.048 mg/L), copper (two samples, up to 1.9 mg/L), and nickel (two samples, up to 1.1 mg/L) exceed MTCA Method B criteria (0.0048 mg/L, 3.2 mg/L, 0.032 mg/L, 0.64 mg/L, and 0.32 mg/L, respectively). Concentrations of chromium (four samples, up to 1.6 mg/L) and lead (three samples, up to 0.47 mg/L) exceed the MTCA Method A criteria (0.05 mg/L and 0.015 mg/L respectively).

- Concentrations of tetrachloroethene were detected in one sample (YK-MW-5 at 0.11 micrograms per liter [µg/L]) that exceeds the MTCA Method B criteria (0.081µg/L).
- Concentrations of PCBs (Aroclor 1260) were detected in one sample (YK-MW-7) at 0.27 µg/L that exceeds the MTCA Method B criteria (0.04375 µg/L).

First Groundwater Monitoring Well Redevelopment and Sampling Event

Due to detected concentrations of analytes in groundwater samples collected during the initial groundwater sampling event and the observation of significantly elevated turbidity in the samples, well redevelopment and sampling was conducted to confirm if analyte detections were associated with solids present in the groundwater samples. During this first groundwater monitoring well redevelopment and sampling event in June 2011, four groundwater samples (including one duplicate) were collected from one historical well (EW-B) and two groundwater monitoring wells (MW-5 and MW-7) installed during the Phase II. The samples were analyzed for metals and VOCs to confirm detections of those analytes in groundwater samples collected during the initial fieldwork.

Arsenic concentrations in all samples (up to 0.0017 mg/L) exceed the MTCA Method B carcinogen criteria (0.00005833 mg/L). No other detected concentrations exceed Ecology MTCA or WADOH screening criteria (where available).

Second Groundwater Monitoring Well Redevelopment and Sampling Event

Groundwater sample results from the first groundwater monitoring well redevelopment and sampling event indicated that the analyte detections from the initial groundwater sampling event were associated with solids present within the turbid samples as the analyte concentrations detected in groundwater samples from MW-5 and MW-7 following redevelopment were either non-detect or significantly less than those previously detected. A second round of groundwater well redevelopment and sampling was conducted in August 2011 to reconfirm the results of the first round of redevelopment. During the second groundwater monitoring well redevelopment and sampling event in August 2011, 10 groundwater samples (including one duplicate) collected from two historical wells (EW-A and EW-B) and seven monitoring wells (MW-1 through MW-7) installed during the Phase II were analyzed for metals and VOCs to confirm detections of those analytes in groundwater samples collected during the initial fieldwork.

No detected concentrations exceed Ecology MTCA or WADOH screening criteria (where available).

Soil Samples

Fifty-three soil samples (including five duplicate samples) from 18 soil borings and 7 monitoring well installations were analyzed for metals, VOCs, SVOCs, and PCBs. Arsenic exceeds the background concentration (5.0 mg/kg) and MTCA Method B screening criteria (0.7 mg/kg) in four samples collected from three boring locations (SB-08, SB-10, and SB-11) at concentrations ranging from 5.2 mg/kg to 57 mg/kg. The detected arsenic concentration in SB-08 was from a sample collected beneath an asphalt-paved parking area. The detected arsenic concentrations in soil borings SB-10 and SB-11 were from samples collected beneath the concrete floor of the Main Facility.

Lead was detected in one sample (SB-11) at a concentration (260 mg/kg) that exceeds the MTCA Method A screening criteria (250 mg/kg); there is no prescribed MTCA Method B screening criteria for lead. This was the only soil sample collected during the Phase II that exceeds the screening criteria for lead. The sample was collected from between 3 to 4 ft bgs beneath the concrete slab of the Main Facility. The sample above this sample in the same boring contained concentrations of lead significantly lower than MTCA Method A unrestricted land use criteria.

Investigative Derived Waste

Two composite grab samples (one liquid and one solid) collected from Investigative Derived Waste (IDW) drums during the initial field event were analyzed for metals, VOCs, SVOCs, PCBs, total cyanide, total sulfides, and pH (liquid sample only). Based on the results, the waste was non-hazardous. Analytical results from the IDW analysis and groundwater well redevelopment field events were provided to the Site and GE handled the disposal of the waste generated during the Phase II ESA investigations.

Overall Summary

GE completed a Phase II ESA of the property located at 2720, 2804-2806, and 2808 West Washington Avenue, Yakima, Washington. The primary objective of the Phase II ESA was to provide adequate coverage to investigate the potential for environmental impacts to groundwater and soil media at the Site.

VOCs, SVOCs, and PCBs were not identified above MTCA standards (where standards exist in soil). A very limited and sporadic number of metal exceedances were identified in soil with no discernible source area, including:

- Arsenic concentrations exceed both published background (5.0 mg/kg) and MTCA Method B screening criteria (0.7 mg/kg) in four samples (SB-08 [0 to 1 ft. bgs], SB-10 [0 to 1 ft. bgs], SB-11 [0 to 1 ft. bgs], and SB-11 [3 to 4 ft. bgs]) at concentrations ranging from 5.2 mg/kg to 57 mg/kg.
- Lead was detected in SB-11 (3 to 4 ft. bgs) at a concentration (260 mg/kg) that exceeds the MTCA Method A Unrestricted Land Use criteria (250 mg/kg).

The detected arsenic concentration in SB-08 was from a sample collected beneath an asphalt-paved parking area. The detected arsenic concentrations in soil borings SB-10 and SB-11 were from samples collected beneath the concrete floor of the Main Facility. SB-11 was the only soil boring location with a sample that exceeds the screening criteria for lead. The sample was collected from between 3 to 4 ft bgs beneath the concrete slab of the Main Facility. The sample above this sample in the same boring contained concentrations of lead significantly lower than MTCA Method A unrestricted land use criteria.

It should also be noted that background concentrations of lead and arsenic in soil in the Yakima area are higher than those in most other areas of the State due to the extensive use of pesticides in orchards within the Yakima basin (DOE, 1994 and Area-Wide Soil Contamination Task Force, 2003). Lead and arsenic have been detected at concentrations exceeding cleanup levels at the Apple Valley Elementary School Voluntary Cleanup Program (VCP) site located less than 5 miles northeast of the Site due to historical use of pesticides in the area. Thirty-eight out of 40 samples collected from the Apple Valley Elementary School playfield in August 2005 exceeded cleanup levels for arsenic and 23 exceeded for lead. The average arsenic concentration was 54.4 mg/kg and the maximum concentration detected was 124.2 mg/kg. The average concentration for lead was 322.4 mg/kg and the maximum concentration was 1,082.9 mg/kg (DOE, 2012). The concentrations of arsenic and lead detected at the Site are significantly less than the maximum concentrations detected at the Apple Valley Elementary School site.

Three rounds of groundwater sampling were conducted during the investigation. Due to unexpected detected concentrations of analytes in groundwater samples collected during the initial groundwater sampling event and the observation of significantly elevated turbidity in the samples, two rounds of groundwater monitoring well redevelopment and sampling confirmed that the initial detected concentrations were associated with solids present within the samples. The only unconfirmed detection following the groundwater monitoring well redevelopment and sampling events consisted of concentrations of PCBs (Aroclor 1260) detected in one sample (MW-7) at 0.27 µg/L that exceeds the MTCA Method B criteria (0.04375 µg/L).

On January 11, 2012, representatives from GE and MWH met with Ecology to discuss the results of the Phase I and Phase II ESAs for the Site. Based on the results of the Phase I and Phase II ESAs and the discussions with Ecology, follow-up actions were agreed and two supplemental investigations were conducted at the Site: 1) additional soil sampling was conducted in the vicinity of MW-7 to investigate the detected concentration of PCBs in a groundwater sample collected from that well; and, 2) soil and groundwater sampling was conducted in the vicinity of an historical underground storage tank (UST) to confirm closure of the UST. The results of the supplemental investigations have been presented to Ecology under separate covers.

6. REFERENCES

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Geo-ecology Research Group, 2005. Yakima County Shoreline Characterization.

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United States Geologic Survey (USGS), 2006. Hydrogeologic Framework of Sedimentary Deposits in Six Structural Basins, Yakima River Basin, Washington, Scientific Investigations Report 2006-5116.

Washington State Department of Ecology (DOE) Model Toxics Control Act (MTCA), Groundwater Method B Standard Formula Value and Method C Standard Formula Value.

DOE, 1994. Natural Background Soil Metals Concentrations in Washington State. Toxics Cleanup Department. #94-115. October.

DOE, 2012. Interim Remedial Action Plan, Apple Valley Elementary School, Yakima, Washington, February 1, 2012. DOE Toxics Cleanup Program.

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7. LIMITATIONS

This Phase II ESA was conducted by MWH for the benefit of MWH's client. It is based upon a specific scope agreed on between MWH and MWH's client and, therefore, may have limitations, assumptions, and/or rely on information/data which are not obvious on the face of it. Reliance should, therefore, not be made upon this report without further consultation with MWH. The Phase II ESA was limited to the areas of concern identified during the Phase I ESA and/or the locations identified by MWH's client to establish baseline conditions. The information contained in this report reflects MWH's best judgment based on the information available at the time of report preparation, and in part on the interpretation of data from discrete sampling locations that may not represent conditions at unsampled locations. This Phase II ESA was a limited inquiry and additional work would be necessary to identify all potential environmental issues at the Site.

Any interpretations and recommendations given in this report represent the opinions of MWH in accordance with a specific brief and as such does not necessarily address all aspects which may surround the subject area. MWH's liability under this report is limited to the agreement with its client. No liability or duty of care is accepted by MWH with respect to use of this report by any other person. Any reliance placed upon any matters upon which MWH has reported by any person other than MWH's client is done so entirely at their own risk and without recourse to MWH or any of its employees or agents for any loss, damage or expense of whatsoever nature which may be caused by any use they choose to make of this report.

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FIGURES

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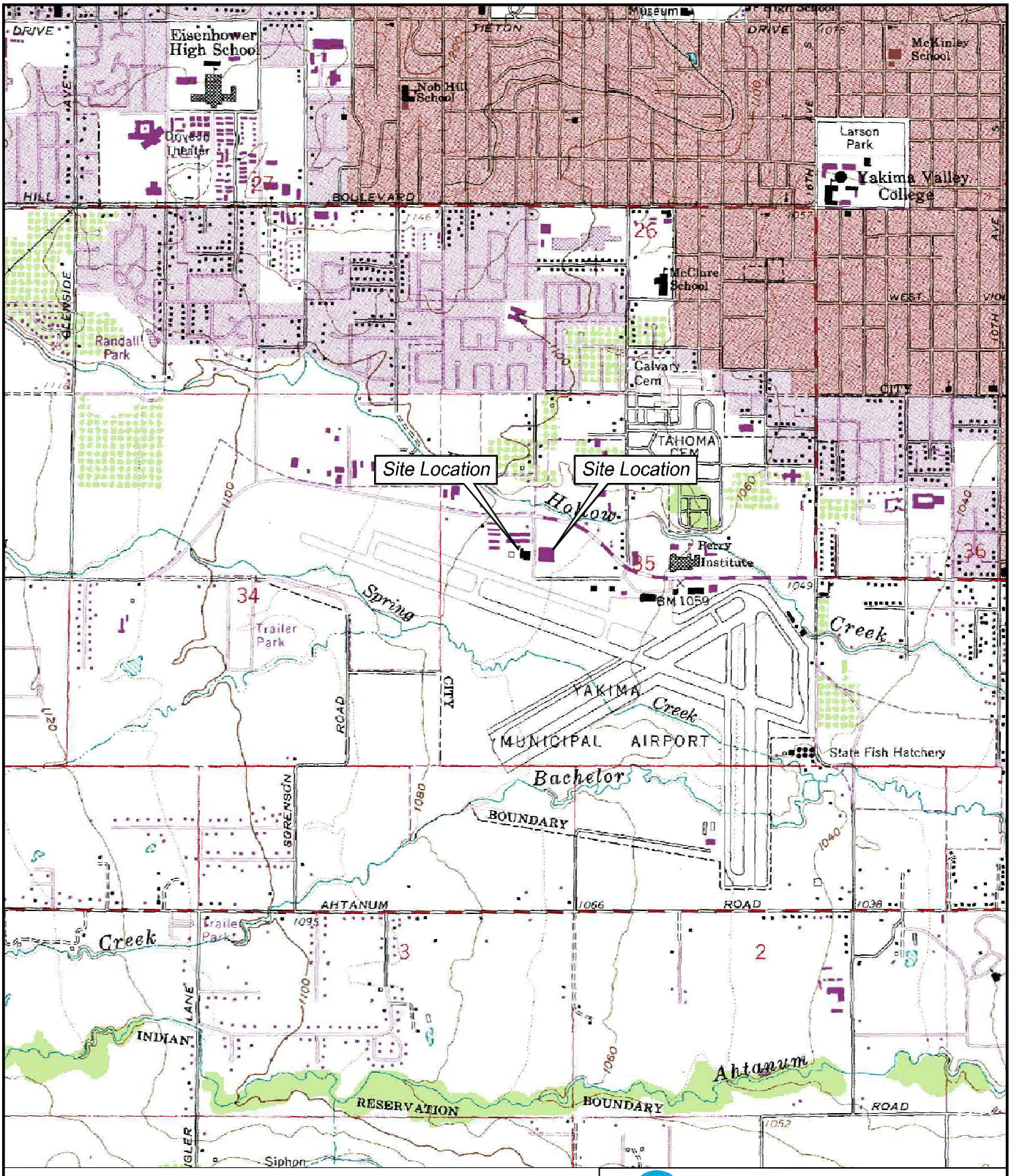
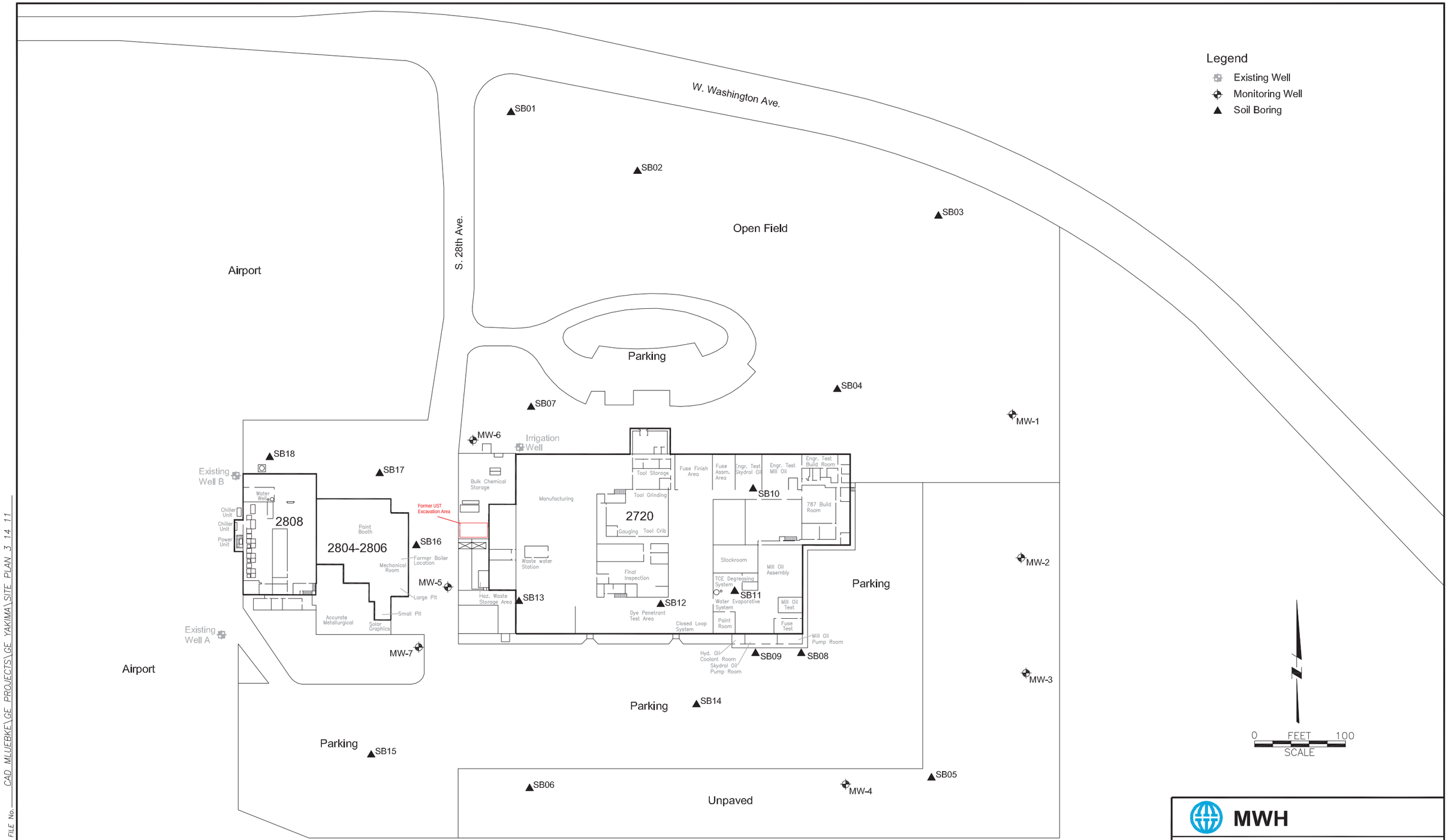

Site Location
Site Location
Eisenhower High School
Nob Hill School
McKinley School
Larson Park
Yakima Valley College
McClure School
Randall Park
Calvary Cem
TAHOMA CEM
Hollow
Perry Institute
BM 1059
Spring Creek
Trailer Park
YAKIMA Creek
MUNICIPAL AIRPORT
State Fish Hatchery
Bachelor
BOUNDARY
AHTANUM
ROAD
Creek
INDIAN
RESERVATION
Ahtanum
BOUNDARY
ROAD
Siphon
SOURCE: U.S.G.S. 7.5' QUAD SHEET
YAKIMA WEST, WASHINGTON
REVISED 1981
NOTE: SITE LOCATION INCLUDES TWO SEPARATE PROPERTIES
0 FEET 2000
MWH
GE AVIATION
2720, 2804–2806, & 2808 W. WASHINGTON AVE.
YAKIMA, WASHINGTON
SITE LOCATION MAP
FIGURE 1



FILE No. CAD MLUEBKE\GE PROJECTS\GE YAKIMA\SITE PLAN 3 14 11

MWH

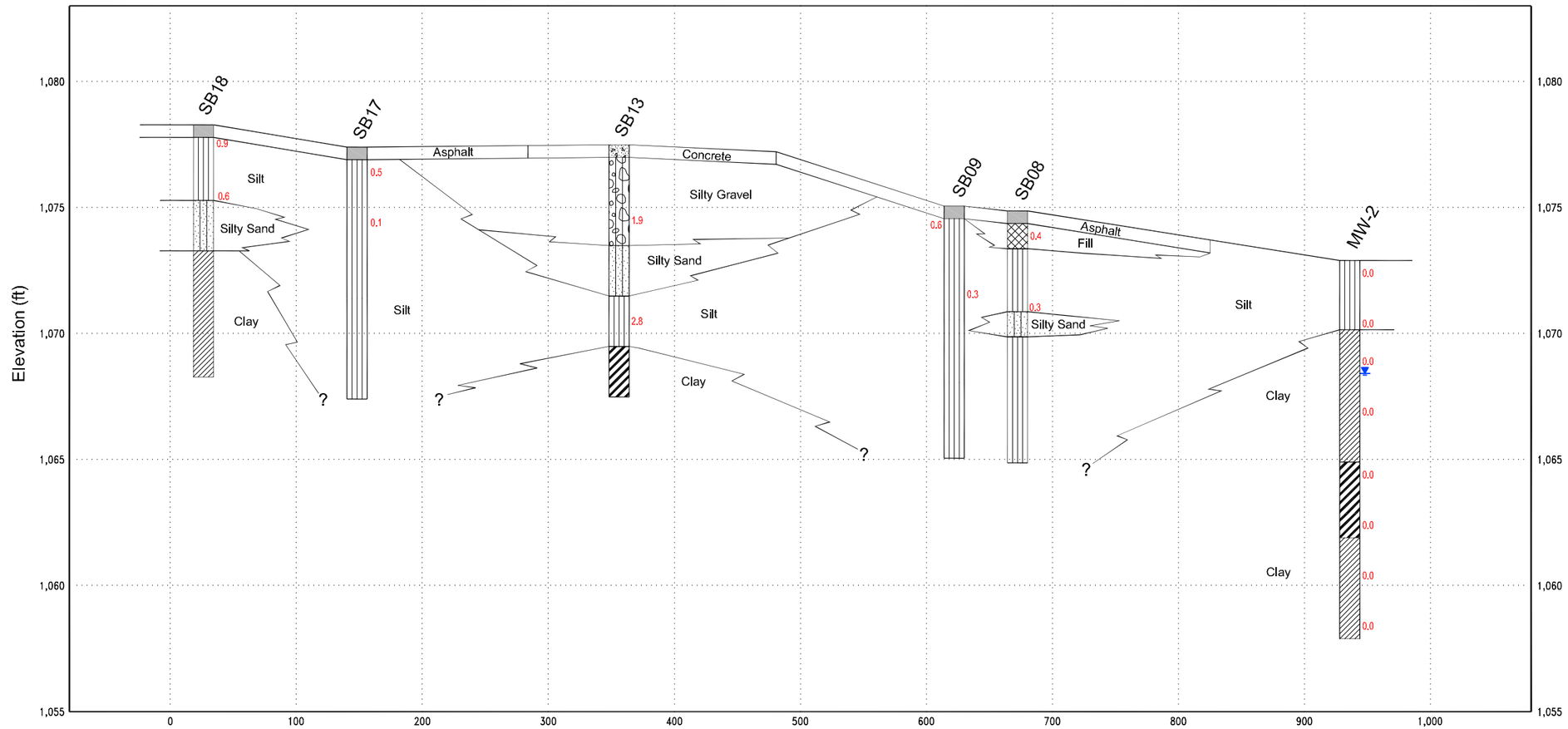
GE AVIATION
2720, 2804–2806, & 2808 W. WASHINGTON AVE.
YAKIMA, WASHINGTON

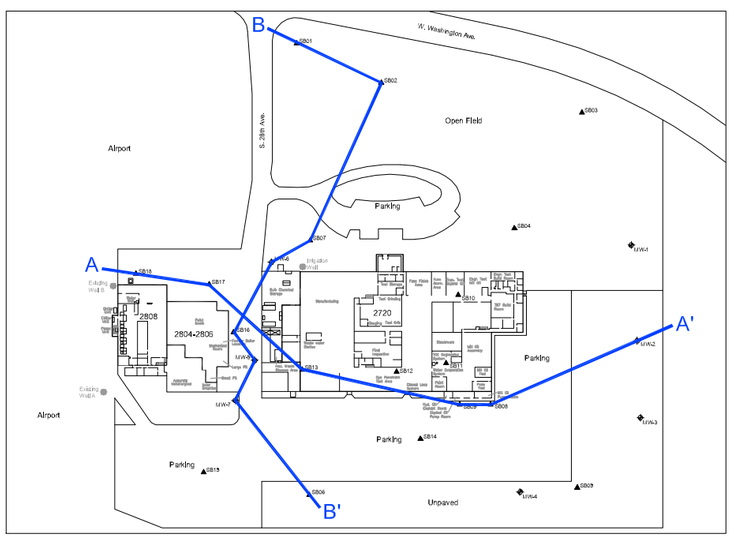
SITE LAYOUT WITH SAMPLE LOCATIONS

FIGURE 2

A

A'





Cross Section Location Map

Legend

- Concrete
- Asphalt
- Fill (made ground)
- Silty Gravel
- Silt
- Silty Sand
- Poorly-graded Sand
- Low Plasticity Clay
- High Plasticity Clay
- 0.4 PID Readings
- Groundwater Surface (3/13/11)

0 100

HORIZONTAL SCALE IN FEET
VERTICAL EXAGGERATION 20:1

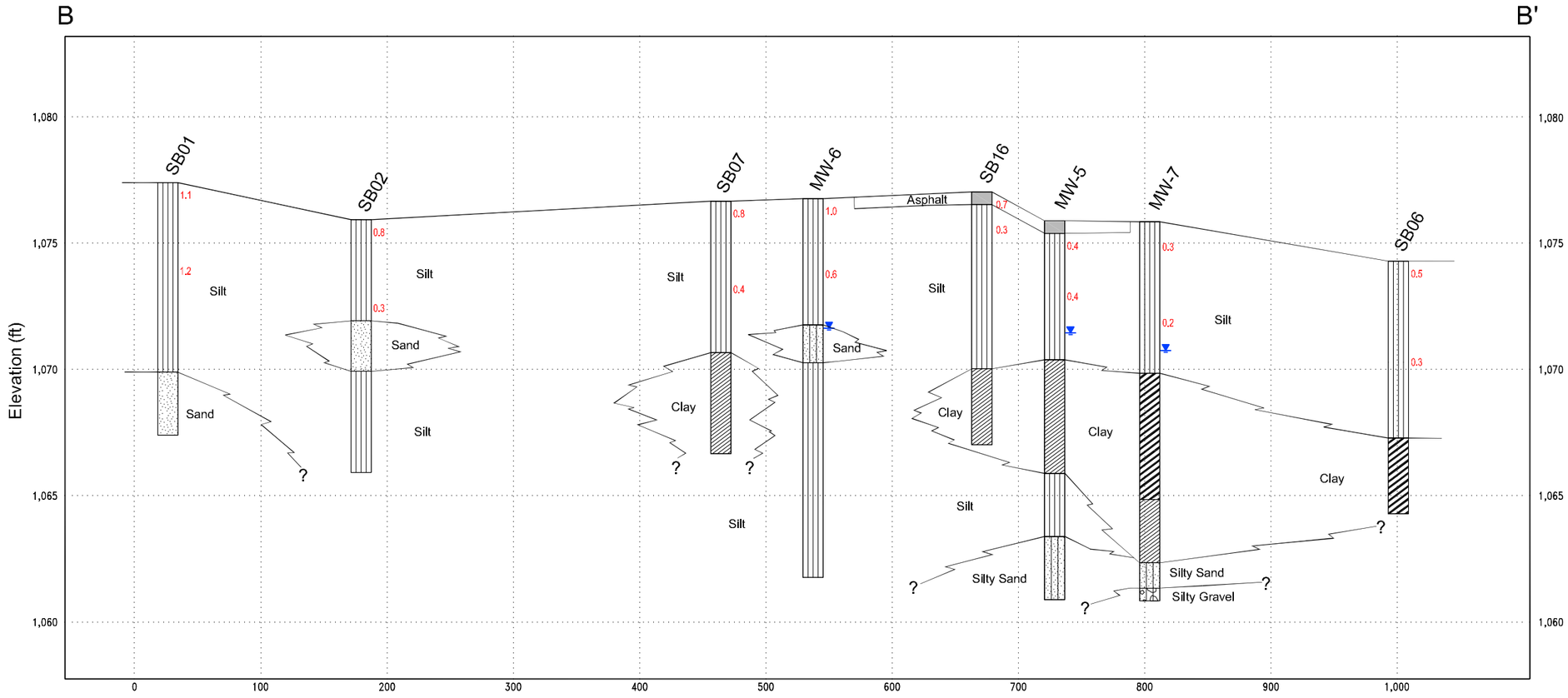
MWH

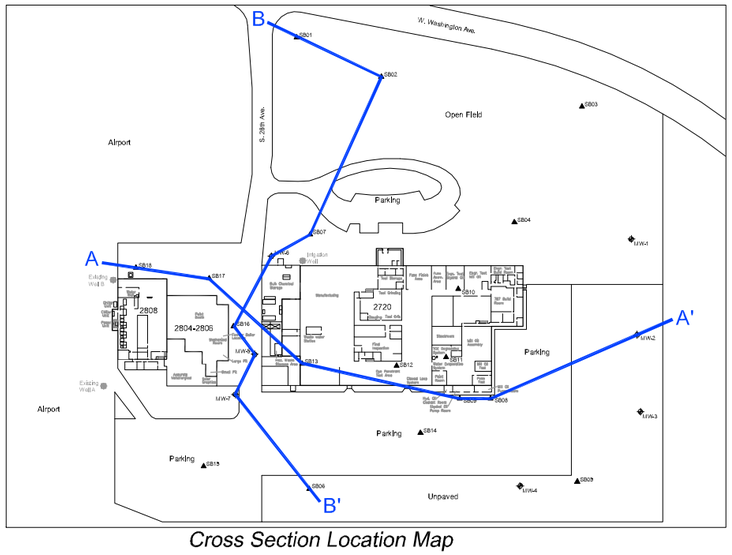
GE AVIATION
2720, 2804–2806, & 2808 W. WASHINGTON AVE.
YAKIMA, WASHINGTON

GEOLOGIC CROSS SECTION A-A'

FIGURE 3

FILE No. CAD MLUEBKE\GE PROJECTS\GE YAKIMA\CROSS SECTIONS 3 11





Cross Section Location Map

Legend

- Concrete
- Asphalt
- Fill (made ground)
- Silty Gravel
- Silt
- Silty Sand
- Poorly-graded Sand
- Low Plasticity Clay
- High Plasticity Clay
- 0.4 PID Readings
- Groundwater Surface (3/13/11)

0 100
HORIZONTAL SCALE IN FEET
VERTICAL EXAGGERATION 20:1

MWH

GE AVIATION
2720, 2804–2806, & 2808 W. WASHINGTON AVE.
YAKIMA, WASHINGTON

GEOLOGIC CROSS SECTION B-B'

FIGURE 4

FILE No. CAD MLUEBKE\GE PROJECTS\GE YAKIMA\CROSS SECTIONS 3 11

Legend

- Existing Well
- Monitoring Well
- Soil Boring
- (1070.90) Groundwater Elevation (ft, msl) (Measured March 13, 2011)
- 1066 Groundwater Elevation Contour (ft, msl) (Dashed Where Inferred)
- Apparent Groundwater Flow Direction

Notes:

ft Feet
msl Mean Sea Level

W. Washington Ave.
S. 28th Ave.
Airport
Open Field
Parking
Unpaved
SB01
SB02
SB03
SB04
SB05
SB06
SB07
SB08
SB09
SB10
SB11
SB12
SB13
SB14
SB15
SB16
SB17
SB18
MW-1 (1064.73)
MW-2 (1064.77)
MW-3 (1064.37)
MW-4 (1065.58)
MW-5 (1068.76)
MW-6 (1069.25)
MW-7 (1068.49)
Existing Well A (1070.72)
Existing Well B (1070.90)
Irrigation Well
2808
2804-2806
2720
1065
1066
1067
1068
1069
1070
0 FEET 100
SCALE

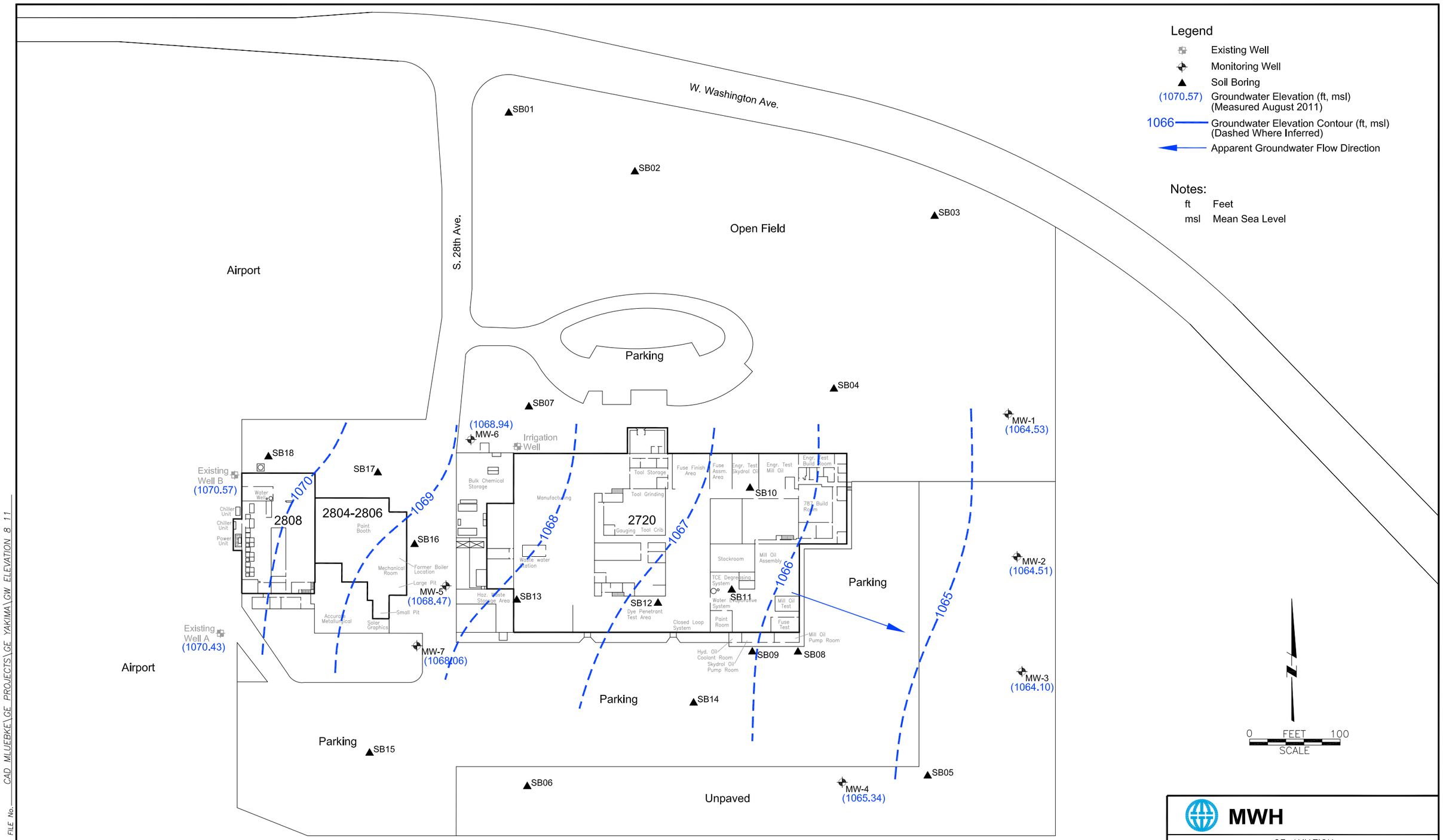
MWH

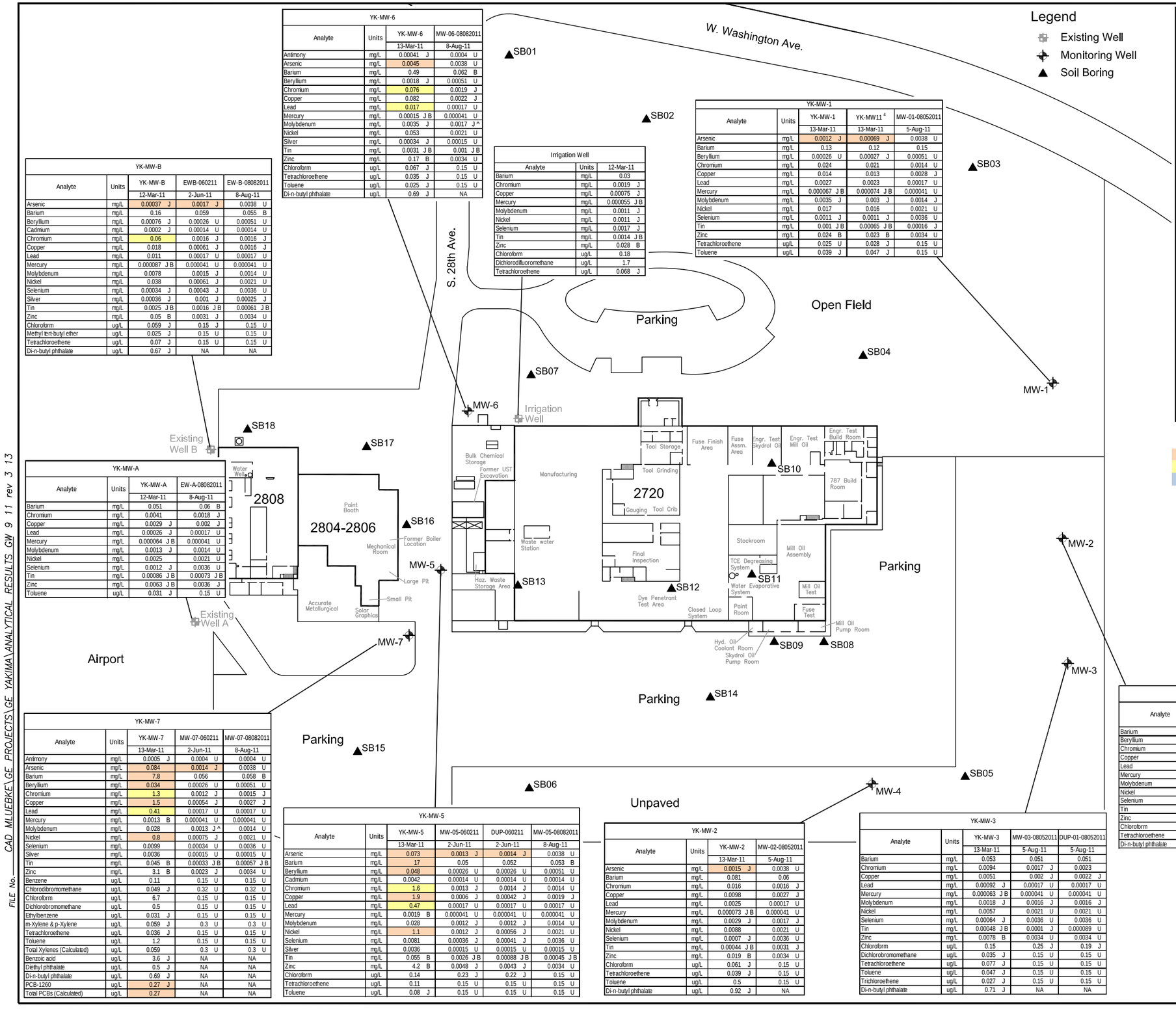
GE AVIATION
2720, 2804–2806, & 2808 W. WASHINGTON AVE.
YAKIMA, WASHINGTON

GROUNDWATER POTENTIOMETRIC SURFACE MARCH 2011

FIGURE 5A

FILE No. CAD MLUEBKE\GE PROJECTS\GE YAKIMA\GW ELEVATION 3 11


Legend
Existing Well
Monitoring Well
Soil Boring
(1070.57) Groundwater Elevation (ft, msl) (Measured August 2011)
1066 Groundwater Elevation Contour (ft, msl) (Dashed Where Inferred)
Apparent Groundwater Flow Direction
Notes:
ft Feet
msl Mean Sea Level
W. Washington Ave.
S. 28th Ave.
Airport
Open Field
Parking
SB01
SB02
SB03
SB04
SB05
SB06
SB07
SB08
SB09
SB10
SB11
SB12
SB13
SB14
SB15
SB16
SB17
SB18
MW-1 (1064.53)
MW-2 (1064.51)
MW-3 (1064.10)
MW-4 (1065.34)
MW-5 (1068.47)
MW-6 (1068.94)
MW-7 (1068.06)
Existing Well A (1070.43)
Existing Well B (1070.57)
Irrigation Well
2808
2804-2806
2720
1070
1069
1068
1067
1066
1065
0 FEET 100
SCALE
MWH
GE AVIATION
2720, 2804–2806, & 2808 W. WASHINGTON AVE.
YAKIMA, WASHINGTON
GROUNDWATER POTENTIOMETRIC SURFACE AUGUST 2011
FIGURE 5B
FILE No. CAD MLUEBKE\GE PROJECTS\GE YAKIMA\GW ELEVATION 8 11



YK-MW-6			
Analyte	Units	YK-MW-6	MW-06-08082011
		13-Mar-11	8-Aug-11
Antimony	mg/L	0.00041 J	0.0004 U
Arsenic	mg/L	0.0045	0.0038 U
Barium	mg/L	0.49	0.062 B
Beryllium	mg/L	0.0018 J	0.00051 U
Chromium	mg/L	0.076	0.0019 J
Copper	mg/L	0.082	0.0022 J
Lead	mg/L	0.017	0.00017 U
Mercury	mg/L	0.00015 J B	0.000041 U
Molybdenum	mg/L	0.0035 J	0.0017 J ^
Nickel	mg/L	0.053	0.0021 U
Silver	mg/L	0.00034 J	0.00015 U
Tin	mg/L	0.0031 J B	0.001 J B
Zinc	mg/L	0.17 B	0.0034 U
Chloroform	ug/L	0.067 J	0.15 U
Tetrachloroethene	ug/L	0.035 J	0.15 U
Toluene	ug/L	0.025 J	0.15 U
Di-n-butyl phthalate	ug/L	0.69 J	NA

Irrigation Well		
Analyte	Units	12-Mar-11
Barium	mg/L	0.03
Chromium	mg/L	0.0019 J
Copper	mg/L	0.00075 J
Mercury	mg/L	0.000055 J B
Molybdenum	mg/L	0.0011 J
Nickel	mg/L	0.0011 J
Selenium	mg/L	0.0017 J
Tin	mg/L	0.0014 J B
Zinc	mg/L	0.028 B
Chloroform	ug/L	0.18
Dichlorodifluoromethane	ug/L	1.7
Tetrachloroethene	ug/L	0.068 J

YK-MW-1				
Analyte	Units	YK-MW-1	YK-MW11 [4]	MW-01-08052011
		13-Mar-11	13-Mar-11	5-Aug-11
Arsenic	mg/L	0.0012 J	0.00069 J	0.0038 U
Barium	mg/L	0.13	0.12	0.15
Beryllium	mg/L	0.00026 U	0.00027 J	0.00051 U
Chromium	mg/L	0.024	0.021	0.0014 U
Copper	mg/L	0.014	0.013	0.0028 J
Lead	mg/L	0.0027	0.0023	0.00017 U
Mercury	mg/L	0.000067 J B	0.000074 J B	0.000041 U
Molybdenum	mg/L	0.0035 J	0.003 J	0.0014 J
Nickel	mg/L	0.017	0.016	0.0021 U
Selenium	mg/L	0.0011 J	0.0011 J	0.0036 U
Tin	mg/L	0.001 J B	0.00065 J B	0.00016 J
Zinc	mg/L	0.024 B	0.023 B	0.0034 U
Tetrachloroethene	ug/L	0.025 U	0.028 J	0.15 U
Toluene	ug/L	0.039 J	0.047 J	0.15 U

YK-MW-B				
Analyte	Units	YK-MW-B	EWB-060211	EW-B-08082011
		12-Mar-11	2-Jun-11	8-Aug-11
Arsenic	mg/L	0.00037 J	0.0017 J	0.0038 U
Barium	mg/L	0.16	0.059	0.055 B
Beryllium	mg/L	0.00076 J	0.00026 U	0.00051 U
Cadmium	mg/L	0.0002 J	0.00014 U	0.00014 U
Chromium	mg/L	0.06	0.0016 J	0.0016 J
Copper	mg/L	0.018	0.00061 J	0.0016 J
Lead	mg/L	0.011	0.00017 U	0.00017 U
Mercury	mg/L	0.000087 J B	0.000041 U	0.000041 U
Molybdenum	mg/L	0.0078	0.0015 J	0.0014 U
Nickel	mg/L	0.038	0.00061 J	0.0021 U
Selenium	mg/L	0.00034 J	0.00043 J	0.0036 U
Silver	mg/L	0.00036 J	0.001 J	0.00025 J
Tin	mg/L	0.0025 J B	0.0016 J B	0.00061 J B
Zinc	mg/L	0.05 B	0.0031 J	0.0034 U
Chloroform	ug/L	0.059 J	0.15 J	0.15 U
Methyl tert-butyl ether	ug/L	0.025 J	0.15 U	0.15 U
Tetrachloroethene	ug/L	0.07 J	0.15 U	0.15 U
Di-n-butyl phthalate	ug/L	0.67 J	NA	NA

YK-MW-A			
Analyte	Units	YK-MW-A	EW-A-08082011
		12-Mar-11	8-Aug-11
Barium	mg/L	0.051	0.06 B
Chromium	mg/L	0.0041	0.0018 J
Copper	mg/L	0.0029 J	0.002 J
Lead	mg/L	0.00026 J	0.00017 U
Mercury	mg/L	0.000064 J B	0.000041 U
Molybdenum	mg/L	0.0013 J	0.0014 U
Nickel	mg/L	0.0025	0.0021 U
Selenium	mg/L	0.0012 J	0.0036 U
Tin	mg/L	0.00086 J B	0.00073 J B
Zinc	mg/L	0.0063 J B	0.0036 J
Toluene	ug/L	0.031 J	0.15 U

YK-MW-7				
Analyte	Units	YK-MW-7	MW-07-060211	MW-07-08082011
		13-Mar-11	2-Jun-11	8-Aug-11
Antimony	mg/L	0.0005 J	0.0004 U	0.0004 U
Arsenic	mg/L	0.084	0.0014 J	0.0038 U
Barium	mg/L	7.8	0.056	0.058 B
Beryllium	mg/L	0.034	0.00026 U	0.00051 U
Chromium	mg/L	1.3	0.0012 J	0.0015 J
Copper	mg/L	1.5	0.00054 J	0.0027 J
Lead	mg/L	0.41	0.00017 U	0.00017 U
Mercury	mg/L	0.0013 B	0.000041 U	0.000041 U
Molybdenum	mg/L	0.028	0.0013 J ^	0.0014 U
Nickel	mg/L	0.8	0.00075 J	0.0021 U
Selenium	mg/L	0.0099	0.00034 U	0.0036 U
Silver	mg/L	0.0036	0.00015 U	0.00015 U
Tin	mg/L	0.045 B	0.00033 J B	0.00057 J B
Zinc	mg/L	3.1 B	0.0023 J	0.0034 U
Benzene	ug/L	0.11	0.15 U	0.15 U
Chlorodibromomethane	ug/L	0.049 J	0.32 U	0.32 U
Chloroform	ug/L	6.7	0.15 U	0.15 U
Dichlorobromomethane	ug/L	0.5	0.15 U	0.15 U
Ethylbenzene	ug/L	0.031 J	0.15 U	0.15 U
m-Xylene & p-Xylene	ug/L	0.059 J	0.3 U	0.3 U
Tetrachloroethene	ug/L	0.036 J	0.15 U	0.15 U
Toluene	ug/L	1.2	0.15 U	0.15 U
Total Xylenes (Calculated)	ug/L	0.059	0.3 U	0.3 U
Benzoic acid	ug/L	3.6 J	NA	NA
Diethyl phthalate	ug/L	0.5 J	NA	NA
Di-n-butyl phthalate	ug/L	0.69 J	NA	NA
PCB-1260	ug/L	0.27 J	NA	NA
Total PCBs (Calculated)	ug/L	0.27	NA	NA

YK-MW-5					
Analyte	Units	YK-MW-5	MW-05-060211	DUP-060211	MW-05-08082011
		13-Mar-11	2-Jun-11	2-Jun-11	8-Aug-11
Arsenic	mg/L	0.073	0.0013 J	0.0014 J	0.0038 U
Barium	mg/L	17	0.05	0.052	0.053 B
Beryllium	mg/L	0.048	0.00026 U	0.00026 U	0.00051 U
Cadmium	mg/L	0.0042	0.00014 U	0.00014 U	0.00014 U
Chromium	mg/L	1.6	0.0013 J	0.0014 J	0.0014 U
Copper	mg/L	1.9	0.0006 J	0.00042 J	0.0019 J
Lead	mg/L	0.47	0.00017 U	0.00017 U	0.00017 U
Mercury	mg/L	0.0019 B	0.000041 U	0.000041 U	0.000041 U
Molybdenum	mg/L	0.028	0.0012 J	0.0012 J	0.0014 U
Nickel	mg/L	1.1	0.0012 J	0.00056 J	0.0021 U
Selenium	mg/L	0.0081	0.00036 J	0.00041 J	0.0036 U
Silver	mg/L	0.0036	0.00015 U	0.00015 U	0.00015 U
Tin	mg/L	0.055 B	0.0026 J B	0.00088 J B	0.00045 J B
Zinc	mg/L	4.2 B	0.0048 J	0.0043 J	0.0034 U
Chloroform	ug/L	0.14	0.23 J	0.22 J	0.15 U
Tetrachloroethene	ug/L	0.11	0.15 U	0.15 U	0.15 U
Toluene	ug/L	0.08 J	0.15 U	0.15 U	0.15 U

YK-MW-2			
Analyte	Units	YK-MW-2	MW-02-08052011
		13-Mar-11	5-Aug-11
Arsenic	mg/L	0.0015 J	0.0038 U
Barium	mg/L	0.081	0.06
Chromium	mg/L	0.016	0.0016 J
Copper	mg/L	0.0098	0.0027 J
Lead	mg/L	0.0025	0.00017 U
Mercury	mg/L	0.000073 J B	0.000041 U
Molybdenum	mg/L	0.0029 J	0.0017 J
Nickel	mg/L	0.0088	0.0021 U
Selenium	mg/L	0.0007 J	0.0036 U
Tin	mg/L	0.00044 J B	0.0031 J
Zinc	mg/L	0.019 B	0.0034 U
Chloroform	ug/L	0.061 J	0.15 U
Tetrachloroethene	ug/L	0.039 J	0.15 U
Toluene	ug/L	0.5	0.15 U
Di-n-butyl phthalate	ug/L	0.92 J	NA

YK-MW-3				
Analyte	Units	YK-MW-3	MW-03-08052011	DUP-01-08052011
		13-Mar-11	5-Aug-11	5-Aug-11
Barium	mg/L	0.053	0.051	0.051
Chromium	mg/L	0.0094	0.0017 J	0.0023
Copper	mg/L	0.0051	0.002 J	0.0022 J
Lead	mg/L	0.00092 J	0.00017 U	0.00017 U
Mercury	mg/L	0.000063 J B	0.000041 U	0.000041 U
Molybdenum	mg/L	0.0018 J	0.0016 J	0.0016 J
Nickel	mg/L	0.0057	0.0021 U	0.0021 U
Selenium	mg/L	0.00064 J	0.0036 U	0.0036 U
Tin	mg/L	0.00048 J B	0.0001 J	0.000089 U
Zinc	mg/L	0.0078 B	0.0034 U	0.0034 U
Chloroform	ug/L	0.15	0.25 J	0.19 J
Dichlorobromomethane	ug/L	0.035 J	0.15 U	0.15 U
Tetrachloroethene	ug/L	0.077 J	0.15 U	0.15 U
Toluene	ug/L	0.047 J	0.15 U	0.15 U
Trichloroethene	ug/L	0.027 J	0.15 U	0.15 U
Di-n-butyl phthalate	ug/L	0.71 J	NA	NA

YK-MW-4			
Analyte	Units	YK-MW-4	MW-04-08042011
		13-Mar-11	4-Aug-11
Barium	mg/L	0.1	0.049
Beryllium	mg/L	0.0003 J	0.00051 U
Chromium	mg/L	0.018	0.0014 U
Copper	mg/L	0.01	0.0034 J
Lead	mg/L	0.0018 J	0.00017 U
Mercury	mg/L	0.000068 J B	0.000041 U
Molybdenum	mg/L	0.0021 J	0.0016 J
Nickel	mg/L	0.0099	0.0021 U
Selenium	mg/L	0.00047 J	0.0036 U
Tin	mg/L	0.00074 J B	0.00052 J
Zinc	mg/L	0.02 B	0.0034 U
Chloroform	ug/L	0.094 J	0.17 J
Tetrachloroethene	ug/L	0.069 J	0.15 U
Di-n-butyl phthalate	ug/L	0.72 J	NA

Analyte	Units	WADOE Model Toxics Control Act			WADOH
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-Carcinogen [2]	MCL [3]
Antimony	mg/L	-	-	0.0064	0.006
Arsenic	mg/L	0.005	0.00005833	0.0048	0.01
Barium	mg/L	-	-	3	2
Beryllium	mg/L	-	-	0.032	0.004
Cadmium	mg/L	0.005	-	0.016	0.005
Chromium	mg/L	0.05	-	-	0.1
Copper	mg/L	-	-	0.64	-
Lead	mg/L	0.015	-	-	-
Mercury	mg/L	0.002	-	-	0.002
Molybdenum	mg/L	-	-	0.08	-
Nickel	mg/L	-	-	0.32	0.1
Selenium	mg/L	-	-	0.08	0.05
Silver	mg/L	-	-	0.08	0.1
Tin	mg/L	-	-	10	-
Zinc	mg/L	-	-	5	5
Benzene	ug/L	5	0.795454545	32	5
Chlorodibromomethane	ug/L	-	0.520833333	160	-
Chloroform	ug/L	-	-	80	-
Dichlorobromomethane	ug/L	-	0.705645161	160	-
Dichlorodifluoromethane	ug/L	-	-	1,600	-
Ethylbenzene	ug/L	700	-	800	700
Methyl tert-butyl ether	ug/L	20	-	-	-
Methylene Chloride	ug/L	5	5.833333333	480	5
m-Xylene & p-Xylene	ug/L	-	-	-	-
Tetrachloroethene	ug/L	5	-	80	5
Toluene	ug/L	1,000	-	640	1,000
Total Xylenes (Calculated)	ug/L	1,000	-	1,600	10,000
Trichloroethene	ug/L	5	-	-	5
Benzoic acid	ug/L	-	-	64,000	-
Diethyl phthalate	ug/L	-	-	12,800	-
Di-n-butyl phthalate	ug/L	-	-	1,600	-
PCB-1260	ug/L	-	0.0437	-	-
Total PCBs (Calculated)	ug/L	0.1	0.04375	-	0.5

Notes

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value for this analyte

1.23 Detected concentration exceeds Washington DOH MCL

[1] Washington Department of Ecology (WADOE) Model Toxics Control Act, Groundwater Method B Standard Formula Value

[2] WADOE Model Toxics Control Act, Groundwater Method A Standard Formula Value

[3] Washington Department of Health (WADOH) MCLs

[4] MW-11 is a field duplicate for sample MW-1

mg/L milligrams per liter

µg/L micrograms per liter

MCL Maximum Contaminant Level

U Constituent not detected at or above the associated method detection limit (MDL)

J Sample concentration detected between the associated MDL and reporting limit (RL)

B Analyte detected in associated laboratory blank.

Y Fuel compound Is a complex hydrocarbon mixture.

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

N

0 FEET 100

SCALE

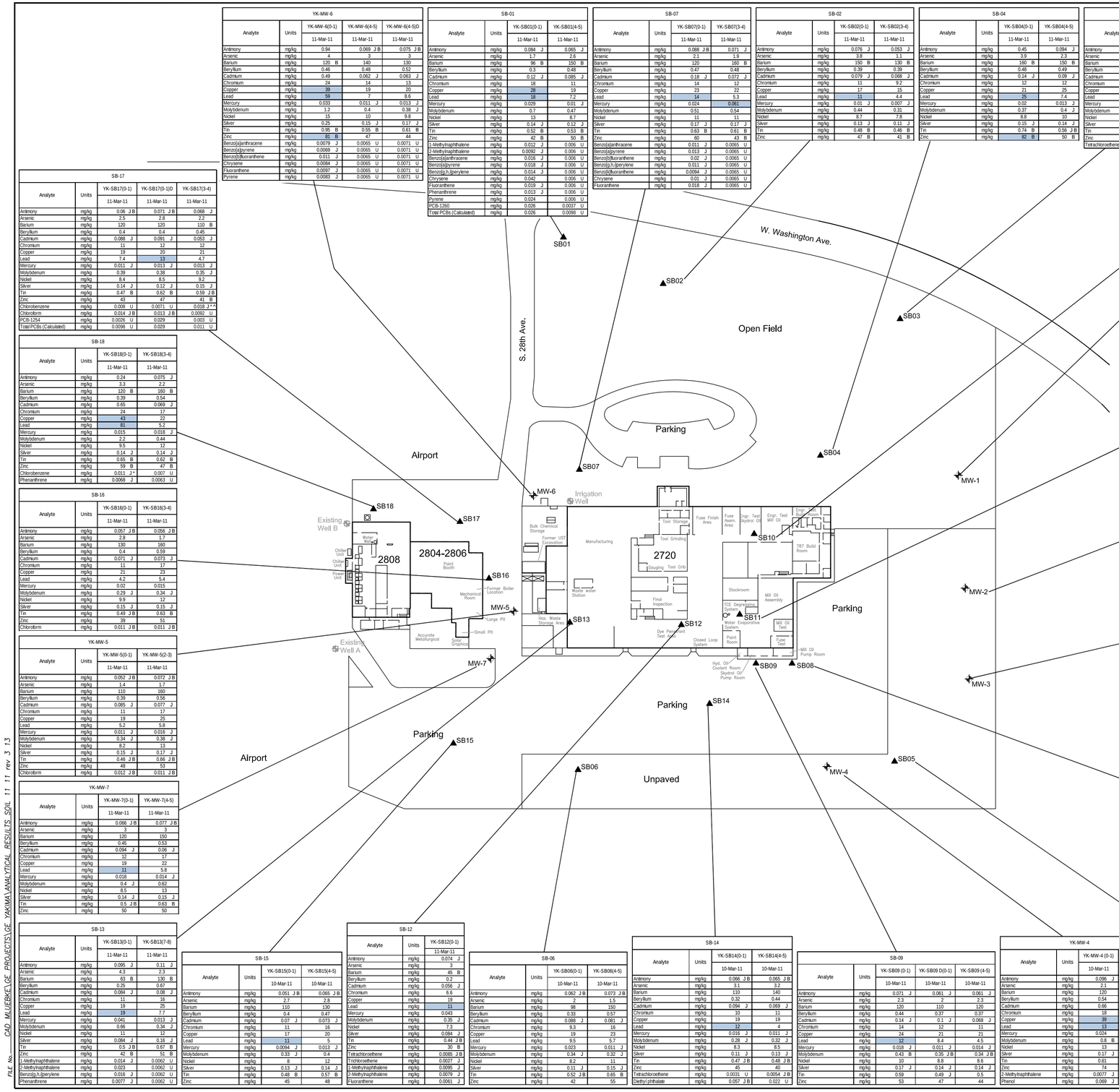
MWH

GE AVIATION
2720, 2804–2806, & 2808 W. WASHINGTON AVE.
YAKIMA, WASHINGTON

GROUNDWATER DETECTED RESULTS

FIGURE 6

FILE No. CAD_MLUEBKE\GE_PROJECTS\GE_YAKIMA\ANALYTICAL_RESULTS_GW_9_11_rev_3_13



SB-01

Analyte	Units	YK-SB01(0-1)	YK-SB01(4-5)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.084 J	0.065 J
Arsenic	mg/kg	1.7	2.6
Barium	mg/kg	96 B	150 B
Beryllium	mg/kg	0.3	0.48
Cadmium	mg/kg	0.12 J	0.085 J
Chromium	mg/kg	18	11
Copper	mg/kg	28	19
Lead	mg/kg	18	7.2
Mercury	mg/kg	0.029	0.01 J
Molybdenum	mg/kg	0.7	0.47
Nickel	mg/kg	13	8.7
Silver	mg/kg	0.14 J	0.12 J
Tin	mg/kg	0.52 B	0.53 B
Zinc	mg/kg	42 B	50 B
1-Methylnaphthalene	mg/kg	0.012 J	0.006 U
2-Methylnaphthalene	mg/kg	0.0092 J	0.006 U
Benzo[a]anthracene	mg/kg	0.016 J	0.006 U
Benzo[a]pyrene	mg/kg	0.018 J	0.006 U
Benzo[b,j,k]perylene	mg/kg	0.014 J	0.006 U
Chrysene	mg/kg	0.042	0.006 U
Fluoranthene	mg/kg	0.019 J	0.006 U
Phenanthrene	mg/kg	0.013 J	0.006 U
Pyrene	mg/kg	0.026	0.0037 U
PCB-1260	mg/kg	0.026	0.0037 U
Total PCBs (Calculated)	mg/kg	0.026	0.0098 U

SB-02

Analyte	Units	YK-SB02(0-1)	YK-SB02(3-4)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.076 J	0.053 J
Arsenic	mg/kg	3.8	1.1
Barium	mg/kg	150 B	130 B
Beryllium	mg/kg	0.39	0.39
Cadmium	mg/kg	0.079 J	0.068 J
Chromium	mg/kg	11	9.2
Copper	mg/kg	17	15
Lead	mg/kg	11	4.4
Mercury	mg/kg	0.01 J	0.007 J
Molybdenum	mg/kg	0.44	0.31
Nickel	mg/kg	8.7	7.8
Silver	mg/kg	0.13 J	0.11 J
Tin	mg/kg	0.48 B	0.46 B
Zinc	mg/kg	47 B	41 B

SB-03

Analyte	Units	YK-SB03(0-1)	YK-SB03(3-4)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.076 J	0.068 J
Arsenic	mg/kg	2.8	1.8
Barium	mg/kg	130 B	190 B
Beryllium	mg/kg	0.42 B	0.5 B
Cadmium	mg/kg	0.085 J	0.074 J
Chromium	mg/kg	11	11
Copper	mg/kg	21	18
Lead	mg/kg	10	5
Mercury	mg/kg	0.012 J	0.0096 J
Molybdenum	mg/kg	0.45	0.37 J
Nickel	mg/kg	8.5	9.2
Silver	mg/kg	0.13 J	0.17 J
Tin	mg/kg	0.51 B	0.53 J B
Zinc	mg/kg	50 B	44 B
Tetrachloroethene	mg/kg	0.0034 U	0.0052 J B

SB-04

Analyte	Units	YK-SB04(0-1)	YK-SB04(4-5)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.45	0.094 J
Arsenic	mg/kg	3.9	2.3
Barium	mg/kg	160 B	150 B
Beryllium	mg/kg	0.39	0.49
Cadmium	mg/kg	0.14 J	0.09 J
Chromium	mg/kg	12	12
Copper	mg/kg	25	25
Lead	mg/kg	25	7.4
Mercury	mg/kg	0.02	0.013 J
Molybdenum	mg/kg	0.37	0.4 J
Nickel	mg/kg	8.8	10
Silver	mg/kg	0.15 J	0.14 J
Tin	mg/kg	0.74 B	0.56 J B
Zinc	mg/kg	82 B	50 B

SB-07

Analyte	Units	YK-SB07(0-1)	YK-SB07(3-4)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.088 J B	0.071 J
Arsenic	mg/kg	2.1	1.9
Barium	mg/kg	120	160 B
Beryllium	mg/kg	0.47	0.48
Cadmium	mg/kg	0.18 J	0.072 J
Chromium	mg/kg	14	12
Copper	mg/kg	23	22
Lead	mg/kg	14	5.3
Mercury	mg/kg	0.024	0.061
Molybdenum	mg/kg	0.51	0.54
Nickel	mg/kg	11	11
Silver	mg/kg	0.17 J	0.17 J
Tin	mg/kg	0.63 B	0.61 B
Zinc	mg/kg	60	43 B
Benzo[a]anthracene	mg/kg	0.011 J	0.0065 U
Benzo[a]pyrene	mg/kg	0.013 J	0.0065 U
Benzo[b]fluoranthene	mg/kg	0.02 J	0.0065 U
Benzo[g,h,i]perylene	mg/kg	0.011 J	0.0065 U
Benzo[k]fluoranthene	mg/kg	0.0094 J	0.0065 U
Chrysene	mg/kg	0.01 J	0.0065 U
Fluoranthene	mg/kg	0.018 J	0.0065 U

SB-10

Analyte	Units	YK-SB10(0-1)
		11-Mar-11
Antimony	mg/kg	0.13 J
Arsenic	mg/kg	25
Barium	mg/kg	63 B
Beryllium	mg/kg	0.21
Cadmium	mg/kg	0.068 J
Chromium	mg/kg	14
Copper	mg/kg	21
Lead	mg/kg	130
Mercury	mg/kg	0.027
Molybdenum	mg/kg	0.58
Nickel	mg/kg	18
Silver	mg/kg	0.076 J
Tin	mg/kg	0.53 B
Zinc	mg/kg	43 B
Trichloroethene	mg/kg	0.0081

YK-MW-1

Analyte	Units	YK-MW-1(0-1)	YK-MW-1(4-5)	YK-MW-1(4-5)D
		10-Mar-11	10-Mar-11	10-Mar-11
Antimony	mg/kg	0.071 J	0.16 J	0.16 J
Arsenic	mg/kg	2.8	2.1	2.2
Barium	mg/kg	130	130	150
Beryllium	mg/kg	0.47	0.58	0.64
Cadmium	mg/kg	0.1 J	0.067 J	0.065 J
Chromium	mg/kg	11	13	13
Copper	mg/kg	18	23	25
Lead	mg/kg	17	5.9	5.9
Mercury	mg/kg	0.037	0.012 J	0.024
Molybdenum	mg/kg	0.42 B	0.38 J B	0.37 J B
Nickel	mg/kg	7.8	9.8	11
Silver	mg/kg	0.12 J	0.15 J	0.16 J
Tin	mg/kg	0.58	0.72	0.74
Zinc	mg/kg	54 ^	43	48
Toluene	mg/kg	0.13	0.0095 U	0.0085 U
Benzo[a]anthracene	mg/kg	0.025 J	0.0066 U	0.0068 U
Benzo[a]pyrene	mg/kg	0.018 J	0.0066 U	0.0068 U
Benzo[b]fluoranthene	mg/kg	0.02 J	0.0066 U	0.0068 U
Benzo[g,h,i]perylene	mg/kg	0.01 J	0.0066 U	0.0068 U
Benzo[k]fluoranthene	mg/kg	0.0098 J	0.0066 U	0.0068 U
Chrysene	mg/kg	0.023 J	0.0066 U	0.0068 U
Fluoranthene	mg/kg	0.034	0.0066 U	0.0068 U
Indeno[1,2,3-cd]pyrene	mg/kg	0.0081 J	0.0066 U	0.0068 U
Phenanthrene	mg/kg	0.024 J	0.0066 U	0.0068 U
Pyrene	mg/kg	0.043	0.0066 U	0.0068 U

SB-17

Analyte	Units	YK-SB17(0-1)	YK-SB17(0-1)D	YK-SB17(3-4)
		11-Mar-11	11-Mar-11	11-Mar-11
Antimony	mg/kg	0.06 J B	0.071 J B	0.068 J
Arsenic	mg/kg	2.5	2.8	2.2
Barium	mg/kg	120	120	110 B
Beryllium	mg/kg	0.4	0.4	0.45
Cadmium	mg/kg	0.088 J	0.091 J	0.053 J
Chromium	mg/kg	11	12	12
Copper	mg/kg	19	20	21
Lead	mg/kg	7.4	13	4.7
Mercury	mg/kg	0.011 J	0.013 J	0.013 J
Molybdenum	mg/kg	0.39	0.38	0.35 J
Nickel	mg/kg	8.4	8.5	9.2
Silver	mg/kg	0.14 J	0.12 J	0.15 J
Tin	mg/kg	0.47 B	0.62 B	0.59 J B
Zinc	mg/kg	43	47	41 B
Chlorobenzene	mg/kg	0.008 U	0.0071 U	0.018 J ^
Chloroform	mg/kg	0.014 J B	0.013 J B	0.0092 U
PCB-1254	mg/kg	0.0026 U	0.029	0.003 U
Total PCBs (Calculated)	mg/kg	0.0098 U	0.029	0.011 U

SB-18

Analyte	Units	YK-SB18(0-1)	YK-SB18(3-4)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.24	0.075 J
Arsenic	mg/kg	3.3	2.2
Barium	mg/kg	120 B	160 B
Beryllium	mg/kg	0.39	0.54
Cadmium	mg/kg	0.65	0.069 J
Chromium	mg/kg	24	17
Copper	mg/kg	43	22
Lead	mg/kg	81	5.2
Mercury	mg/kg	0.015	0.018 J
Molybdenum	mg/kg	2.2	0.44
Nickel	mg/kg	9.5	12
Silver	mg/kg	0.14 J	0.14 J
Tin	mg/kg	0.65 B	0.62 B
Zinc	mg/kg	59 B	47 B
Chlorobenzene	mg/kg	0.011 J ^	0.007 U
Phenanthrene	mg/kg	0.0068 J	0.0063 U

SB-16

Analyte	Units	YK-SB16(0-1)	YK-SB16(3-4)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.057 J B	0.056 J B
Arsenic	mg/kg	2.8	1.7
Barium	mg/kg	130	160
Beryllium	mg/kg	0.4	0.59
Cadmium	mg/kg	0.071 J	0.073 J
Chromium	mg/kg	11	17
Copper	mg/kg	21	23
Lead	mg/kg	4.2	5.4
Mercury	mg/kg	0.02	0.015
Molybdenum	mg/kg	0.29 J	0.34 J
Nickel	mg/kg	9.9	12
Silver	mg/kg	0.15 J	0.15 J
Tin	mg/kg	0.49 J B	0.63 B
Zinc	mg/kg	39	51
Chloroform	mg/kg	0.011 J B	0.011 J B

YK-MW-5

Analyte	Units	YK-MW-5(0-1)	YK-MW-5(2-3)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.052 J B	0.072 J B
Arsenic	mg/kg	1.4	1.7
Barium	mg/kg	110	160
Beryllium	mg/kg	0.39	0.56
Cadmium	mg/kg	0.085 J	0.077 J
Chromium	mg/kg	11	17
Copper	mg/kg	19	25
Lead	mg/kg	5.2	5.8
Mercury	mg/kg	0.011 J	0.016 J
Molybdenum	mg/kg	0.34 J	0.39 J
Nickel	mg/kg	8.2	13
Silver	mg/kg	0.15 J	0.17 J
Tin	mg/kg	0.46 J B	0.66 J B
Zinc	mg/kg	48	53
Chloroform	mg/kg	0.012 J B	0.011 J B

YK-MW-7

Analyte	Units	YK-MW-7(0-1)	YK-MW-7(4-5)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.066 J B	0.077 J B
Arsenic	mg/kg	3	3
Barium	mg/kg	120	150
Beryllium	mg/kg	0.45	0.53
Cadmium	mg/kg	0.094 J	0.06 J
Chromium	mg/kg	12	17
Copper	mg/kg	19	22
Lead	mg/kg	11	5.8
Mercury	mg/kg	0.018	0.014 J
Molybdenum	mg/kg	0.4 J	0.62
Nickel	mg/kg	8.5	13
Silver	mg/kg	0.14 J	0.15 J
Tin	mg/kg	0.5 J B	0.63 B
Zinc	mg/kg	50	50

SB-13

Analyte	Units	YK-SB13(0-1)	YK-SB13(7-8)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.095 J	0.11 J
Arsenic	mg/kg	4.3	2.3
Barium	mg/kg	63 B	130 B
Beryllium	mg/kg	0.25	0.67
Cadmium	mg/kg	0.084 J	0.08 J
Chromium	mg/kg	11	16
Copper	mg/kg	19	25
Lead	mg/kg	19	7.7
Mercury	mg/kg	0.041	0.013 J
Molybdenum	mg/kg	0.66	0.34 J
Nickel	mg/kg	11	12
Silver	mg/kg	0.084 J	0.16 J
Tin	mg/kg	0.5 J B	0.67 B
Zinc	mg/kg	42 B	51 B
1-Methylnaphthalene	mg/kg	0.014 J	0.0062 U
2-Methylnaphthalene	mg/kg	0.023	0.0062 U
Benzo[g,h,i]perylene	mg/kg	0.016 J	0.0062 U
Phenanthrene	mg/kg	0.0077 J	0.0062 U

SB-15

Analyte	Units	YK-SB15(0-1)	YK-SB15(4-5)
		10-Mar-11	10-Mar-11
Antimony	mg/kg	0.051 J B	0.065 J B
Arsenic	mg/kg	2.7	2.8
Barium	mg/kg	110	130
Beryllium	mg/kg	0.4	0.47
Cadmium	mg/kg	0.07 J	0.073 J
Chromium	mg/kg	11	16
Copper	mg/kg	17	20
Lead	mg/kg	11	5
Mercury	mg/kg	0.0094 J	0.013 J
Molybdenum	mg/kg	0.33 J	0.4
Nickel	mg/kg	8	12
Silver	mg/kg	0.13 J	0.14 J
Tin	mg/kg	0.48 B	0.57 B
Zinc	mg/kg	45	48

SB-12

Analyte	Units	YK-SB12(0-1)
		11-Mar-11
Antimony	mg/kg	0.074 J
Arsenic	mg/kg	3
Barium	mg/kg	45 B
Beryllium	mg/kg	0.2
Cadmium	mg/kg	0.056 J
Chromium	mg/kg	6.6
Copper	mg/kg	19
Lead	mg/kg	11
Mercury	mg/kg	0.043
Molybdenum	mg/kg	0.35 J
Nickel	mg/kg	7.3
Silver	mg/kg	0.084 J
Tin	mg/kg	0.44 J B
Zinc	mg/kg	30 B
Tetrachloroethene	mg/kg	0.0085 J B
Trichloroethene	mg/kg	0.0027 J
1-Methylnaphthalene	mg/kg	0.0095 J
2-Methylnaphthalene	mg/kg	0.0079 J
Fluoranthene	mg/kg	0.0061 J

SB-06

Analyte	Units	YK-SB06(0-1)	YK-SB06(4-5)
		10-Mar-11	10-Mar-11
Antimony	mg/kg	0.062 J B	0.073 J B
Arsenic	mg/kg	2	1.5
Barium	mg/kg	98	150
Beryllium	mg/kg	0.33	0.57
Cadmium	mg/kg	0.088 J	0.081 J
Chromium	mg/kg	9.3	16
Copper	mg/kg	19	23
Lead	mg/kg	9.5	5.7
Mercury	mg/kg	0.023	0.011 J
Molybdenum	mg/kg	0.34 J	0.32 J
Nickel	mg/kg	8.2	11
Silver	mg/kg	0.11 J	0.15 J
Tin	mg/kg	0.52 J B	0.65 B
Zinc	mg/kg	42	55

SB-14

Analyte	Units	YK-SB14(0-1)	YK-SB14(4-5)
		10-Mar-11	10-Mar-11
Antimony	mg/kg	0.066 J B	0.065 J B
Arsenic	mg/kg	3.1	3.2
Barium	mg/kg	110	140
Beryllium	mg/kg	0.32	0.44
Cadmium	mg/kg	0.094 J	0.069 J
Chromium	mg/kg	10	11
Copper	mg/kg	19	19
Lead	mg/kg	12	4
Mercury	mg/kg	0.016 J	0.011 J
Molybdenum	mg/kg	0.28 J	0.32 J
Nickel	mg/kg	8.3	8.5
Silver	mg/kg	0.11 J	0.13 J
Tin	mg/kg	0.47 J B	0.48 J B
Zinc	mg/kg	45	40
Tetrachloroethene	mg/kg	0.0031 U	0.0054 J B
Diethyl phthalate	mg/kg	0.057 J B	0.022 U

SB-09

Analyte	Units	YK-SB09 (0-1)	YK-SB09 D(0-1)	YK-SB09 (4-5)
		10-Mar-11	10-Mar-11	10-Mar-11
Antimony	mg/kg	0.071 J	0.061 J	0.061 J
Arsenic	mg/kg	2.3	2	2.3
Barium	mg/kg	120	110	120
Beryllium	mg/kg	0.44	0.37	0.37
Cadmium	mg/kg	0.14 J	0.1 J	0.068 J
Chromium	mg/kg	14	12	11
Copper	mg/kg	24	21	21
Lead	mg/kg	12	8.4	4.5
Mercury	mg/kg	0.018 J	0.011 J	0.014 J
Molybdenum	mg/kg	0.43 B	0.35 J B	0.34 J B
Nickel	mg/kg	10	8.8	8.6
Silver	mg/kg	0.17 J	0.14 J	0.14 J
Tin	mg/kg	0.59	0.49 J	0.5
Zinc	mg/kg	53	47	44

YK-MW-4

Analyte	Units	YK-MW-4 (0-1)	YK-MW-4 (4-5)
		10-Mar-11	10-Mar-11
Antimony	mg/kg	0.096 J	0.093 J
Arsenic	mg/kg	2.1	1.6
Barium	mg/kg	120	120
Beryllium	mg/kg	0.54	0.55
Cadmium	mg/kg	0.66	0.077 J
Chromium	mg/kg	18	12
Copper	mg/kg	39	22
Lead	mg/kg	13	5.3
Mercury	mg/kg	0.024	0.013 J
Molybdenum	mg/kg	0.8 B	0.28 J B
Nickel	mg/kg	13	8
Silver	mg/kg	0.17 J	0.16 J
Tin	mg/kg	0.61	0.62
Zinc	mg/kg	74	40
2-Methylnaphthalene	mg/kg	0.0077 J	0.0067 U
Phenol	mg/kg	0.068 J	0.02 U

SB-05

Analyte	Units	YK-SB5 (0-1)	YK-SB05 (5-6)
		10-Mar-11	10-Mar-11
Antimony	mg/kg	0.067 J	0.14 J
Arsenic	mg/kg	2.5	2.2
Barium	mg/kg	120	140
Beryllium	mg/kg	0.4	0.77
Cadmium	mg/kg	0.11 J	0.092 J
Chromium	mg/kg	13	20
Copper	mg/kg	21	29
Lead	mg/kg	9.9	8.1
Mercury	mg/kg	0.034	0.017 J
Molybdenum	mg/kg	0.55 B	0.43 J B
Nickel	mg/kg	9.4	15
Silver	mg/kg	0.15 J	0.16 J
Tin	mg/kg	0.66	0.82
Zinc	mg/kg	50	59

SB-11

Analyte	Units	YK-SB11(0-1)	YK-SB11(3-4)
		11-Mar-11	11-Mar-11
Antimony	mg/kg	0.092 J	0.23
Arsenic	mg/kg	8.5	57
Barium	mg/kg	51 B	73 B
Beryllium	mg/kg	0.19 J	0.29
Cadmium	mg/kg	0.067 J	0.071 J
Chromium	mg/kg	13	14
Copper	mg/kg	18	21
Lead	mg/kg	35	260
Mercury	mg/kg	0.021	0.032
Molybdenum	mg/kg	0.53	0.8
Nickel	mg/kg	17	16
Silver	mg/kg	0.076 J	0.2
Tin	mg/kg	0.48 J B	3.9 B
Zinc	mg/kg	36 B	58 B
Methylene Chloride	mg/kg	0.041	0.046
trans-1,2-Dichloroethene	mg/kg	0.0063 J	0.008 J
Trichloroethene	mg/kg	0.011	0.016

YK-MW-2

Analyte	Units	YK-MW-2 (0-1)	YK-MW-2 (4-5)
		10-Mar-11	10-Mar-11
Antimony	mg/kg	0.098 J	0.1 J
Arsenic	mg/kg	2.4	2.3
Barium	mg/kg	130	160
Beryllium	mg/kg	0.43	0.56
Cadmium	mg/kg	0.11 J	0.085 J
Chromium	mg/kg	12	14
Copper	mg/kg	21	25
Lead	mg/kg	11	5.6
Mercury	mg/kg	0.015 J	0.013 J
Molybdenum	mg/kg	0.39 B	0.48 B
Nickel	mg/kg	9.2	11
Silver	mg/kg	0.17 J	0.18 J
Tin	mg/kg	0.57	0.67
Zinc	mg/kg	46	51

YK-MW-3

Analyte	Units	YK-MW-3 (0-1)	YK-MW-3 (4-5)	YK-MW-31 (0-1) [4]
		10-Mar-11	10-Mar-11	10-Mar-11
Antimony	mg/kg	0.095 J	0.11 J	0.1 J
Arsenic	mg/kg	2.1	2.2	2
Barium	mg/kg	120	160	130
Beryllium	mg/kg	0.44	0.6	0.4
Cadmium	mg/kg	0.093 J	0.085 J	0.088 J
Chromium	mg/kg	11	16	11
Copper	mg/kg	19	29	19
Lead	mg/kg	15	6.6	11
Mercury	mg/kg	0.017 J	0.014 J	0.22
Molybdenum	mg/kg	0.39 B	0.34 J B	0.38 J B
Nickel	mg/kg	8	12	7.8
Silver	mg/kg	0.14 J	0.19 J	0.15 J
Tin	mg/kg	0.55	0.76	0.57
Zinc	mg/kg	48	51	50

SB-08

Analyte	Units	YK-SB08(0-1)	YK-SB08(4-5)
		10-Mar-11	10-Mar-11
Antimony	mg/kg	0.074 J B	0.055 J B
Arsenic	mg/kg	5.2	2
Barium	mg/kg	150	130
Beryllium	mg/kg	0.39	0.42
Cadmium	mg/kg	0.11 J	0.077 J
Chromium	mg/kg	10	10
Copper	mg/kg	20	20
Lead	mg/kg	13	6.3
Mercury	mg/kg	0.014 J	0.011 J
Molybdenum	mg/kg	0.37 J	0.35 J
Nickel	mg/kg	9.4	10
Silver	mg/kg	0.12 J	0.14 J
Tin	mg/kg	0.49 B	0.45 J B
Zinc	mg/kg	43	43
Diethyl phthalate	mg/kg	0.02 J B	0.025 J B

Analyte	Units	WADOE Model Toxics Control Act: Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen [2]	Method B, Non-Carcinogen [2]	Soil Background: Yakima Basin Background [3]
Antimony	mg/kg	-	-	-	32	-
Arsenic	mg/kg	20	20	0.7	24	5
Barium	mg/kg	-	-	-	16,000	-
Beryllium	mg/kg	-	-	-	160	2
Cadmium	mg/kg	2	2	-	80	1
Chromium	mg/kg	-	-	-	-	38
Copper	mg/kg	-	-	-	3,200	27
Lead	mg/kg	1,000	250	-	-	11
Mercury	mg/kg	2	2	-	-	0.05
Molybdenum	mg/kg	-	-	-	400	-
Nickel	mg/kg	-	-	-	1,600	46
Silver	mg/kg	-	-	-	400	-
Tin	mg/kg	-	-	-	48,000	-
Zinc	mg/kg	-	-	-	24,000	79
Chlorobenzene	mg/kg	-	-	-	1,600	-
Chloroform	mg/kg	-	-	-	800	-
Methylene Chloride	mg/kg	0.02	0.02	133	4,800	-
Tetrachloroethene	mg/kg	0.05	0.05	-	800	-
Toluene	mg/kg	7	7	-	6,400	-
trans-1,2-Dichloroethene	mg/kg	-	-	-	1,600	-
Trichloroethene	mg/kg	0.03	0.03	-	-	-
1-Methylnaphthalene	mg/kg	-	-	35	-	-
2-Methylnaphthalene	mg/kg	-	-	-	320	-
Benzo[a]anthracene	mg/kg	-	-	1	-	-
Benzo[a]pyrene	mg/kg	2	0.1	0.1370	-	-
Benzo[b]fluoranthene	mg/kg	-	-	1	-	-
Benzo[g,h,i]perylene	mg/kg	-	-	-	-	-
Benzo[k]fluoranthene	mg/kg	-	-	14	-	-
Chrysene	mg/kg	-	-	137	-	-
Diethyl phthalate	mg/kg	-	-	-	64,000	-
Fluoranthene	mg/kg	-	-	-	3,200	-
Indeno[1,2,3-cd]pyrene	mg/kg	-	-	1	-	-
Phenanthrene	mg/kg	-	-	-	-	-
Phenol	mg/kg	-	-	-	24,000	-
Pyrene	mg/kg	-	-	-	2,400	-
PCB-1254	mg/kg	-	-	0.5	2	-
PCB-1260	mg/kg	-	-	0.5	-	-
Total PCBs (Calculated)	mg/kg	10	1	0.5	-	-

Notes

1.23 Detected concentration

1.23 Detected concentration exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Concentration

1.23 Detected concentration exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Method B values for this analyte)

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

[1] WADOE MCTA Method A Standard Formula Values for Soil

[2] WADOE MTCA Method B Standard Formula Value for Soil, Direct Contact (ingestion only), Unrestricted Land Use

[3] Source: Natural Background Soil Metals Concentrations in Washington State, October 1994, Charles San Juan

[4] YK-MW-31 (0-1) is a duplicate for YK-MW-3 (0-1)

EPH Extractable petroleum hydrocarbons

mg/kg milligrams per kilogram

µg/kg micrograms per kilogram

U Constituent not detected at or above the associated method detection limit (MDL)

J Sample concentration detected between the associated MDL and reporting limit (RL)

B Analyte detected in associated laboratory blank.

Y Fuel compound is a complex hydrocarbon mixture.

* Laboratory control spike (LCS) or LCS duplicate associated with the primary sample exceeded the laboratory established control limit

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

Legend

- Existing Well
- Monitoring Well
- Soil Boring

0 FEET 100

SCALE

MWH

GE AVIATION

2720, 2804–2806, & 2808 W. WASHINGTON AVE.

YAKIMA, WASHINGTON

SOIL DETECTED RESULTS

FIGURE 7

FILE No.___ CAD_MU\ERBCE\GE_PROJECTS\GE_YAKIMA\ANALYTICAL_RESULTS_SOIL 11 11 rev 3 1.3

TABLES

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TABLE 1: Groundwater Elevation Data
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Monitoring Well Location ID	Date	Top of Casing Elevation (ft amsl)	Depth To Groundwater (ft)	Groundwater Elevation (ft amsl)	Comments
MW-1	3/13/2011	1072.27	7.54	1064.73	No odor
	5/23/2011	1072.27	7.11	1065.16	No odor
	8/1/2011	1072.27	7.74	1064.53	No odor
MW-2	3/13/2011	1072.42	7.65	1064.77	No odor
	5/23/2011	1072.42	6.36	1066.06	No odor
	8/1/2011	1072.42	7.91	1064.51	No odor
MW-3	3/13/2011	1070.97	6.60	1064.37	No odor
	5/23/2011	1070.97	6.35	1064.62	No odor
	8/1/2011	1070.97	6.87	1064.1	No odor
MW-4	3/13/2011	1071.98	6.40	1065.58	No odor
	5/23/2011	1071.98	6.18	1065.8	No odor; Soft bottom
	8/1/2011	1071.98	6.64	1065.34	No odor
MW-5	3/13/2011	1075.44	6.68	1068.76	No odor; Dark brown water
	5/23/2011	1075.44	6.41	1069.03	No odor; Clear/colorless water
	8/1/2011	1075.44	6.97	1068.47	No odor; Water in casing
MW-6	3/13/2011	1076.64	7.39	1069.25	No odor; Dark brown water
	5/23/2011	1076.64	7.09	1069.55	No odor
	8/1/2011	1076.64	7.70	1068.94	No odor; Soft Bottom
MW-7	3/13/2011	1075.77	7.28	1068.49	No odor; Dark brown water; Very turbid
	5/23/2011	1075.77	7.17	1068.6	No odor; Clear/colorless water
	8/1/2011	1075.77	7.71	1068.06	No odor
MW-A	3/13/2011	1077.20	6.48	1070.72	No odor
	5/23/2011	1077.20	Not Measured	Not Measured	Well was not accessible
	8/4/2011	1077.20	6.77	1070.43	No odor
MW-B	3/13/2011	1077.98	7.08	1070.9	No odor
	5/23/2011	1077.98	6.64	1071.34	No odor; Slightly turbid; Soft Bottom
	8/1/2011	1077.98	7.41	1070.57	No odor; Soft bottom

ft = feet

amsl = above mean sea level

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value for this analyte)

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-1	YK-MW11 [4]	MW-01-08052011	YK-MW-2	MW-02-08052011	YK-MW-3	MW-03-08052011	DUP-01-08052011	YK-MW-4	MW-04-08042011
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	13-Mar-11	13-Mar-11	5-Aug-11	13-Mar-11	5-Aug-11	13-Mar-11	5-Aug-11	5-Aug-11	13-Mar-11	4-Aug-11
Metals															
Antimony	mg/l	-	-	0.0064	0.006	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Arsenic	mg/l	0.005	0.00005833	0.0048	0.01	**0.0012 J**	**0.00069 J**	0.0038 U	**0.0015 J**	0.0038 U	0.00024 U	0.0038 U	0.0038 U	0.00024 U	0.0038 U
Barium	mg/l	-	-	3.2	2	**0.13**	**0.12**	**0.15**	**0.081**	**0.06**	**0.053**	**0.051**	**0.051**	**0.1**	**0.049**
Beryllium	mg/l	-	-	0.032	0.004	0.00026 U	**0.00027 J**	0.00051 U	0.00026 U	0.00051 U	0.00026 U	0.00051 U	0.00051 U	**0.0003 J**	0.00051 U
Cadmium	mg/l	0.005	-	0.016	0.005	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U
Chromium	mg/l	0.05	-	-	0.1	**0.024**	**0.021**	0.0014 U	**0.016**	**0.0016 J**	**0.0094**	**0.0017 J**	**0.0023**	**0.018**	0.0014 U
Chromium, hexavalent	mg/l	-	-	0.048	-	-	-	0.006 U	-	0.006 UR	-	0.006 U	0.006 U	-	0.006 UR
Copper	mg/l	-	-	0.64	-	**0.014**	**0.013**	**0.0028 J**	**0.0098**	**0.0027 J**	**0.0051**	**0.002 J**	**0.0022 J**	**0.01**	**0.0034 J**
Lead	mg/l	0.015	-	-	-	**0.0027**	**0.0023**	0.00017 U	**0.0025**	0.00017 U	**0.00092 J**	0.00017 U	0.00017 U	**0.0018 J**	0.00017 U
Mercury	mg/l	0.002	-	-	0.002	**0.000067 J B**	**0.000074 J B**	0.000041 U	**0.000073 J B**	0.000041 U	**0.000063 J B**	0.000041 U	0.000041 U	**0.000068 J B**	0.000041 U
Molybdenum	mg/l	-	-	0.08	-	**0.0035 J**	**0.003 J**	**0.0014 J**	**0.0029 J**	**0.0017 J**	**0.0018 J**	**0.0016 J**	**0.0016 J**	**0.0021 J**	**0.0016 J**
Nickel	mg/l	-	-	0.32	0.1	**0.017**	**0.016**	0.0021 U	**0.0088**	0.0021 U	**0.0057**	0.0021 U	0.0021 U	**0.0099**	0.0021 U
Selenium	mg/l	-	-	0.08	0.05	**0.0011 J**	**0.0011 J**	0.0036 U	**0.0007 J**	0.0036 U	**0.00064 J**	0.0036 U	0.0036 U	**0.00047 J**	0.0036 U
Silver	mg/l	-	-	0.08	0.1	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U	0.00015 U
Tin	mg/l	-	-	9.6	-	**0.001 J B**	**0.00065 J B**	**0.00016 J**	**0.00044 J B**	**0.0031 J**	**0.00048 J B**	**0.0001 J**	0.000089 U	**0.00074 J B**	**0.00052 J**
Zinc	mg/l	-	-	4.8	5	**0.024 B**	**0.023 B**	0.0034 U	**0.019 B**	0.0034 U	**0.0078 B**	0.0034 U	0.0034 U	**0.02 B**	0.0034 U
Volatile Organic Compounds (VOCs)															
1,1,1,2-Tetrachloroethane	ug/l	-	1.682692308	240	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,1-Trichloroethane	ug/l	200	-	16,000	200	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,2,2-Tetrachloroethane	ug/l	-	0.21875	160	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,2-Trichloroethane	ug/l	-	0.76754386	32	5	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1-Dichloroethane	ug/l	-	-	1,600	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1-Dichloroethene	ug/l	-	-	400	7	0.03 U	0.03 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
1,1-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,2,3-Trichlorobenzene	ug/l	-	-	-	-	0.1 U	0.1 U	0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.1 U	0.15 U
1,2,3-Trichloropropane	ug/l	-	0.00146	32	-	0.05 U	0.05 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
1,2,4-Trichlorobenzene	ug/l	-	1.51	80	70	0.075 U	0.075 U	0.15 U	0.075 U	0.15 U	0.075 U	0.15 U	0.15 U	0.075 U	0.15 U
1,2,4-Trimethylbenzene	ug/l	-	-	-	-	0.03 U	0.03 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
1,2-Dibromo-3-Chloropropane	ug/l	-	0.0547	1.6	0.2	0.1 U	0.1 U	0.52 U	0.1 U	0.52 U	0.1 U	0.52 U	0.52 U	0.1 U	0.52 U
1,2-Dichlorobenzene	ug/l	-	-	720	600	0.05 U	0.05 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
1,2-Dichloroethane	ug/l	5	0.480769231	160	5	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,2-Dichloropropane	ug/l	-	-	-	5	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,3,5-Trimethylbenzene	ug/l	-	-	80	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,3-Dichlorobenzene	ug/l	-	-	-	-	0.05 U	0.05 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
1,3-Dichloropropane	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,4-Dichlorobenzene	ug/l	-	-	-	75	0.05 U	0.05 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
2,2-Dichloropropane	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
2-Chlorotoluene	ug/l	-	-	160	-	0.03 U	0.03 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
4-Chlorotoluene	ug/l	-	-	-	-	0.05 U	0.05 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
4-Isopropyltoluene	ug/l	-	-	-	-	0.05 U	0.05 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
Benzene	ug/l	5	0.795454545	32	5	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Bromobenzene	ug/l	-	-	-	-	0.035 U	0.035 U	0.15 U	0.035 U	0.15 U	0.035 U	0.15 U	0.15 U	0.035 U	0.15 U
Bromoform	ug/l	-	5.537974684	160	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Bromomethane	ug/l	-	-	11.2	-	0.025 U	0.025 U	0.75 U	0.025 U	0.75 U	0.025 U	0.75 U	0.75 U	0.025 U	0.75 U
Carbon tetrachloride	ug/l	-	0.625	32	5	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Chlorobenzene	ug/l	-	-	160	100	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value fo

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-5	MW-05-060211	DUP-060211	MW-05-08082011	YK-MW-6	MW-06-08082011	YK-MW-7	MW-07-060211	MW-07-08082011	YK-MW-A	EW-A-08082011
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	13-Mar-11	2-Jun-11	2-Jun-11	8-Aug-11	13-Mar-11	8-Aug-11	13-Mar-11	2-Jun-11	8-Aug-11	12-Mar-11	8-Aug-11
Metals																
Antimony	mg/l	-	-	0.0064	0.006	0.0004 U	0.0004 U	0.0004 U	0.0004 U	**0.00041 J**	0.0004 U	**0.0005 J**	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Arsenic	mg/l	0.005	0.00005833	0.0048	0.01	**0.073**	**0.0013 J**	**0.0014 J**	0.0038 U	**0.0045**	0.0038 U	**0.084**	**0.0014 J**	0.0038 U	0.00024 U	0.0038 U
Barium	mg/l	-	-	3.2	2	**17**	**0.05**	**0.052**	**0.053 B**	**0.49**	**0.062 B**	**7.8**	**0.056**	**0.058 B**	**0.051**	**0.06 B**
Beryllium	mg/l	-	-	0.032	0.004	**0.048**	0.00026 U	0.00026 U	0.00051 U	**0.0018 J**	0.00051 U	**0.034**	0.00026 U	0.00051 U	0.00026 U	0.00051 U
Cadmium	mg/l	0.005	-	0.016	0.005	**0.0042**	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U
Chromium	mg/l	0.05	-	-	0.1	**1.6**	**0.0013 J**	**0.0014 J**	0.0014 U	**0.076**	**0.0019 J**	**1.3**	**0.0012 J**	**0.0015 J**	**0.0041**	**0.0018 J**
Chromium, hexavalent	mg/l	-	-	0.048	-	-	0.006 U	0.006 U	0.006 U	-	0.006 U	-	0.006 U	0.006 U	-	0.006 U
Copper	mg/l	-	-	0.64	-	**1.9**	**0.0006 J**	**0.00042 J**	**0.0019 J**	**0.082**	**0.0022 J**	**1.5**	**0.00054 J**	**0.0027 J**	**0.0029 J**	**0.002 J**
Lead	mg/l	0.015	-	-	-	**0.47**	0.00017 U	0.00017 U	0.00017 U	**0.017**	0.00017 U	**0.41**	0.00017 U	0.00017 U	**0.00026 J**	0.00017 U
Mercury	mg/l	0.002	-	-	0.002	**0.0019 B**	0.000041 U	0.000041 U	0.000041 U	**0.00015 J B**	0.000041 U	**0.0013 B**	0.000041 U	0.000041 U	**0.000064 J B**	0.000041 U
Molybdenum	mg/l	-	-	0.08	-	**0.028**	**0.0012 J**	**0.0012 J**	0.0014 U	**0.0035 J**	**0.0017 J ^**	**0.028**	**0.0013 J ^**	0.0014 U	**0.0013 J**	0.0014 U
Nickel	mg/l	-	-	0.32	0.1	**1.1**	**0.0012 J**	**0.00056 J**	0.0021 U	**0.053**	0.0021 U	**0.8**	**0.00075 J**	0.0021 U	**0.0025**	0.0021 U
Selenium	mg/l	-	-	0.08	0.05	**0.0081**	**0.00036 J**	**0.00041 J**	0.0036 U	0.00034 U	0.0036 U	**0.0099**	0.00034 U	0.0036 U	**0.0012 J**	0.0036 U
Silver	mg/l	-	-	0.08	0.1	**0.0036**	0.00015 U	0.00015 U	0.00015 U	**0.00034 J**	0.00015 U	**0.0036**	0.00015 U	0.00015 U	0.00015 U	0.00015 U
Tin	mg/l	-	-	9.6	-	**0.055 B**	**0.0026 J B**	**0.00088 J B**	**0.00045 J B**	**0.0031 J B**	**0.001 J B**	**0.045 B**	**0.00033 J B**	**0.00057 J B**	**0.00086 J B**	**0.00073 J B**
Zinc	mg/l	-	-	4.8	5	**4.2 B**	**0.0048 J**	**0.0043 J**	0.0034 U	**0.17 B**	0.0034 U	**3.1 B**	**0.0023 J**	0.0034 U	**0.0063 J B**	**0.0036 J**
Volatile Organic Compounds (VOCs)																
1,1,1,2-Tetrachloroethane	ug/l	-	1.682692308	240	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,1-Trichloroethane	ug/l	200	-	16,000	200	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,2,2-Tetrachloroethane	ug/l	-	0.21875	160	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,2-Trichloroethane	ug/l	-	0.76754386	32	5	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1-Dichloroethane	ug/l	-	-	1,600	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1-Dichloroethene	ug/l	-	-	400	7	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
1,1-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,2,3-Trichlorobenzene	ug/l	-	-	-	-	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.1 U	0.15 U
1,2,3-Trichloropropane	ug/l	-	0.00146	32	-	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
1,2,4-Trichlorobenzene	ug/l	-	1.51	80	70	0.075 U	0.15 U	0.15 U	0.15 U	0.075 U	0.15 U	0.075 U	0.15 U	0.15 U	0.075 U	0.15 U
1,2,4-Trimethylbenzene	ug/l	-	-	-	-	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
1,2-Dibromo-3-Chloropropane	ug/l	-	0.0547	1.6	0.2	0.1 U	0.52 U	0.52 U	0.52 U	0.1 U	0.52 U	0.1 U	0.52 U	0.52 U	0.1 U	0.52 U
1,2-Dichlorobenzene	ug/l	-	-	720	600	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
1,2-Dichloroethane	ug/l	5	0.480769231	160	5	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,2-Dichloropropane	ug/l	-	-	-	5	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,3,5-Trimethylbenzene	ug/l	-	-	80	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,3-Dichlorobenzene	ug/l	-	-	-	-	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
1,3-Dichloropropane	ug/l	-	-	-	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
1,4-Dichlorobenzene	ug/l	-	-	-	75	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
2,2-Dichloropropane	ug/l	-	-	-	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
2-Chlorotoluene	ug/l	-	-	160	-	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
4-Chlorotoluene	ug/l	-	-	-	-	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
4-Isopropyltoluene	ug/l	-	-	-	-	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.05 U	0.15 U	0.15 U	0.05 U	0.15 U
Benzene	ug/l	5	0.795454545	32	5	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	**0.11**	0.15 U	0.15 U	0.025 U	0.15 U
Bromobenzene	ug/l	-	-	-	-	0.035 U	0.15 U	0.15 U	0.15 U	0.035 U	0.15 U	0.035 U	0.15 U	0.15 U	0.035 U	0.15 U
Bromoform	ug/l	-	5.537974684	160	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Bromomethane	ug/l	-	-	11.2	-	0.025 U	0.75 U	0.75 U	0.75 U	0.025 U	0.75 U	0.025 U	0.75 U	0.75 U	0.025 U	0.75 U
Carbon tetrachloride	ug/l	-	0.625	32	5	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Chlorobenzene	ug/l	-	-	160	100	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value fo

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-B	Irrigation Well	EWB-060211	EW-B-08082011	EB-01-08042011	YK-Equipment Blank	YK-Equipment Blank (2)	TB-01-08042011	TB-02-08082011	TB01	YK-Trip Blank (2)
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	12-Mar-11	12-Mar-11	2-Jun-11	8-Aug-11	4-Aug-11	13-Mar-11	2-Jun-11	4-Aug-11	8-Aug-11	12-Mar-11	2-Jun-11
Metals																
Antimony	mg/l	-	-	0.0064	0.006	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	0.0004 U	-	-	-	-
Arsenic	mg/l	0.005	0.00005833	0.0048	0.01	**0.00037 J**	0.00024 U	**0.0017 J**	0.0038 U	0.0038 U	0.00024 U	0.00024 U	-	-	-	-
Barium	mg/l	-	-	3.2	2	**0.16**	**0.03**	**0.059**	**0.055 B**	0.00027 U	**0.0089**	**0.00053 J**	-	-	-	-
Beryllium	mg/l	-	-	0.032	0.004	**0.00076 J**	0.00026 U	0.00026 U	0.00051 U	0.00051 U	0.00026 U	0.00026 U	-	-	-	-
Cadmium	mg/l	0.005	-	0.016	0.005	**0.0002 J**	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00014 U	-	-	-	-
Chromium	mg/l	0.05	-	-	0.1	**0.06**	**0.0019 J**	**0.0016 J**	**0.0016 J**	0.0014 U	**0.0032**	0.00037 U	-	-	-	-
Chromium, hexavalent	mg/l	-	-	0.048	-	-	-	0.006 U	0.006 U	0.006 UR	-	0.006 U	-	-	-	-
Copper	mg/l	-	-	0.64	-	**0.018**	**0.00075 J**	**0.00061 J**	**0.0016 J**	**0.0016 J**	**0.0025 J**	**0.0013 J**	-	-	-	-
Lead	mg/l	0.015	-	-	-	**0.011**	0.00017 U	0.00017 U	0.00017 U	0.00017 U	**0.00054 J**	0.00017 U	-	-	-	-
Mercury	mg/l	0.002	-	-	0.002	**0.000087 J B**	**0.000055 J B**	0.000041 U	0.000041 U	0.000041 U	**0.000065 J B**	0.000041 U	-	-	-	-
Molybdenum	mg/l	-	-	0.08	-	**0.0078**	**0.0011 J**	**0.0015 J**	0.0014 U	0.0014 U	0.00049 U	0.00049 U	-	-	-	-
Nickel	mg/l	-	-	0.32	0.1	**0.038**	**0.0011 J**	**0.00061 J**	0.0021 U	0.0021 U	**0.0011 J**	**0.00039 J**	-	-	-	-
Selenium	mg/l	-	-	0.08	0.05	**0.00034 J**	**0.0017 J**	**0.00043 J**	0.0036 U	0.0036 U	0.00034 U	0.00034 U	-	-	-	-
Silver	mg/l	-	-	0.08	0.1	**0.00036 J**	0.00015 U	**0.001 J**	**0.00025 J**	0.00015 U	0.00015 U	0.00015 U	-	-	-	-
Tin	mg/l	-	-	9.6	-	**0.0025 J B**	**0.0014 J B**	**0.0016 J B**	**0.00061 J B**	0.000089 U	**0.00031 J B**	**0.0017 J B**	-	-	-	-
Zinc	mg/l	-	-	4.8	5	**0.05 B**	**0.028 B**	**0.0031 J**	0.0034 U	0.0034 U	**0.024 B**	**0.0057 J**	-	-	-	-
Volatile Organic Compounds (VOCs)																
1,1,1,2-Tetrachloroethane	ug/l	-	1.682692308	240	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,1-Trichloroethane	ug/l	200	-	16,000	200	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,2,2-Tetrachloroethane	ug/l	-	0.21875	160	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1,2-Trichloroethane	ug/l	-	0.76754386	32	5	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1-Dichloroethane	ug/l	-	-	1,600	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,1-Dichloroethene	ug/l	-	-	400	7	0.03 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U
1,1-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,2,3-Trichlorobenzene	ug/l	-	-	-	-	0.1 U	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U
1,2,3-Trichloropropane	ug/l	-	0.00146	32	-	0.05 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U
1,2,4-Trichlorobenzene	ug/l	-	1.51	80	70	0.075 U	0.075 U	0.15 U	0.15 U	0.15 U	0.075 U	0.15 U	0.15 U	0.15 U	0.075 U	0.15 U
1,2,4-Trimethylbenzene	ug/l	-	-	-	-	0.03 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U
1,2-Dibromo-3-Chloropropane	ug/l	-	0.0547	1.6	0.2	0.1 U	0.1 U	0.52 U	0.52 U	0.52 U	0.1 U	0.52 U	0.52 U	0.52 U	0.1 U	0.52 U
1,2-Dichlorobenzene	ug/l	-	-	720	600	0.05 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U
1,2-Dichloroethane	ug/l	5	0.480769231	160	5	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,2-Dichloropropane	ug/l	-	-	-	5	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,3,5-Trimethylbenzene	ug/l	-	-	80	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,3-Dichlorobenzene	ug/l	-	-	-	-	0.05 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U
1,3-Dichloropropane	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
1,4-Dichlorobenzene	ug/l	-	-	-	75	0.05 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U
2,2-Dichloropropane	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
2-Chlorotoluene	ug/l	-	-	160	-	0.03 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U
4-Chlorotoluene	ug/l	-	-	-	-	0.05 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U
4-Isopropyltoluene	ug/l	-	-	-	-	0.05 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U	0.15 U	0.15 U	0.05 U	0.15 U
Benzene	ug/l	5	0.795454545	32	5	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Bromobenzene	ug/l	-	-	-	-	0.035 U	0.035 U	0.15 U	0.15 U	0.15 U	0.035 U	0.15 U	0.15 U	0.15 U	0.035 U	0.15 U
Bromoform	ug/l	-	5.537974684	160	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Bromomethane	ug/l	-	-	11.2	-	0.025 U	0.025 U	0.75 U	0.75 U	0.75 U	0.025 U	0.75 U	0.75 U	0.75 U	0.025 U	0.75 U
Carbon tetrachloride	ug/l	-	0.625	32	5	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Chlorobenzene	ug/l	-	-	160	100	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value for this analyte)

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-1	YK-MW11 [4]	MW-01-08052011	YK-MW-2	MW-02-08052011	YK-MW-3	MW-03-08052011	DUP-01-08052011	YK-MW-4	MW-04-08042011
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	13-Mar-11	13-Mar-11	5-Aug-11	13-Mar-11	5-Aug-11	13-Mar-11	5-Aug-11	5-Aug-11	13-Mar-11	4-Aug-11
Chlorobromomethane	ug/l	-	-	-	-	0.025 U	0.025 U	0.24 U	0.025 U	0.24 U	0.025 U	0.24 U	0.24 U	0.025 U	0.24 U
Chlorodibromomethane	ug/l	-	0.520833333	160	-	0.025 U	0.025 U	0.32 U	0.025 U	0.32 U	0.025 U	0.32 U	0.32 U	0.025 U	0.32 U
Chloroethane	ug/l	-	-	-	-	0.075 U	0.075 U	0.75 U	0.075 U	0.75 U	0.075 U	0.75 U	0.75 U	0.075 U	0.75 U
Chloroform	ug/l	-	-	80	-	0.03 U	0.03 U	0.15 U	**0.061 J**	0.15 U	**0.15**	**0.25 J**	**0.19 J**	**0.094 J**	**0.17 J**
Chloromethane	ug/l	-	-	-	-	0.035 U	0.035 U	0.75 U	0.035 U	0.75 U	0.035 U	0.75 U	0.75 U	0.035 U	0.75 U
cis-1,2-Dichloroethene	ug/l	-	-	16	70	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
cis-1,3-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Dibromomethane	ug/l	-	-	80	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Dichlorobromomethane	ug/l	-	0.705645161	160	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	**0.035 J**	0.15 U	0.15 U	0.025 U	0.15 U
Dichlorodifluoromethane	ug/l	-	-	1,600	-	0.1 U	0.1 U	0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.1 U	0.15 U
Ethylbenzene	ug/l	700	-	800	700	0.03 U	0.03 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
Ethylene Dibromide	ug/l	0.01	0.0219	72	0.05	0.025 U	0.025 U	0.31 U	0.025 U	0.31 U	0.025 U	0.31 U	0.31 U	0.025 U	0.31 U
Hexachlorobutadiene	ug/l	-	0.560897436	8	-	0.075 U	0.075 U	0.15 U	0.075 U	0.15 U	0.075 U	0.15 U	0.15 U	0.075 U	0.15 U
Isopropylbenzene	ug/l	-	-	800	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Methyl tert-butyl ether	ug/l	20	-	-	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Methylene Chloride	ug/l	5	5.833333333	480	5	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
m-Xylene & p-Xylene	ug/l	-	-	-	-	0.05 U	0.05 U	0.3 U	0.05 U	0.3 U	0.05 U	0.3 U	0.3 U	0.05 U	0.3 U
n-Butylbenzene	ug/l	-	-	-	-	0.03 U	0.03 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
N-Propylbenzene	ug/l	-	-	800	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
o-Xylene	ug/l	-	-	1,600	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
sec-Butylbenzene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Styrene	ug/l	-	-	1,600	100	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
tert-Butylbenzene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Tetrachloroethene	ug/l	5	-	80	5	0.025 U	**0.028 J**	0.15 U	**0.039 J**	0.15 U	**0.077 J**	0.15 U	0.15 U	**0.069 J**	0.15 U
Toluene	ug/l	1,000	-	640	1,000	**0.039 J**	**0.047 J**	0.15 U	**0.5**	0.15 U	**0.047 J**	0.15 U	0.15 U	0.025 U	0.15 U
Total Xylenes (Calculated)	ug/l	1,000	-	1,600	10,000	0.05 U	0.05 U	0.3 U	0.05 U	0.3 U	0.05 U	0.3 U	0.3 U	0.05 U	0.3 U
trans-1,2-Dichloroethene	ug/l	-	-	160	100	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
trans-1,3-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Trichloroethene	ug/l	5	-	-	5	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	**0.027 J**	0.15 U	0.15 U	0.025 U	0.15 U
Trichlorofluoromethane	ug/l	-	-	2,400	-	0.025 U	0.025 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Vinyl chloride	ug/l	0.2	-	24	2	0.013 U	0.013 U	0.15 U	0.013 U	0.15 U	0.013 U	0.15 U	0.15 U	0.013 U	0.15 U
Semi Volatile Organic Compounds (SVOCs)															
1-Methylnaphthalene	ug/l	-	1.51	-	-	0.14 U	0.14 U	-	0.14 U	-	0.14 U	-	-	0.14 U	-
2,2'-oxybis[1-chloropropane]	ug/l	-	0.625	320	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2,4,5-Trichlorophenol	ug/l	-	-	800	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2,4,6-Trichlorophenol	ug/l	-	3.977272727	8	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2,4-Dichlorophenol	ug/l	-	-	24	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2,4-Dimethylphenol	ug/l	-	-	160	-	1.4 U	1.4 U	-	1.4 U	-	1.4 U	-	-	1.4 U	-
2,4-Dinitrophenol	ug/l	-	-	32	-	4.7 U	4.7 U	-	4.8 U	-	4.7 U	-	-	4.7 U	-
2,4-Dinitrotoluene	ug/l	-	-	32	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2,6-Dinitrotoluene	ug/l	-	-	16	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2-Chloronaphthalene	ug/l	-	-	640	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
2-Chlorophenol	ug/l	-	-	40	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2-Methylnaphthalene	ug/l	-	-	32	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
2-Methylphenol	ug/l	-	-	400	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2-Nitroaniline	ug/l	-	-	160	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
2-Nitrophenol	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
3 & 4 Methylphenol	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
3,3'-Dichlorobenzidine	ug/l	-	0.194444444	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value fo

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-5	MW-05-060211	DUP-060211	MW-05-08082011	YK-MW-6	MW-06-08082011	YK-MW-7	MW-07-060211	MW-07-08082011	YK-MW-A	EW-A-08082011
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	13-Mar-11	2-Jun-11	2-Jun-11	8-Aug-11	13-Mar-11	8-Aug-11	13-Mar-11	2-Jun-11	8-Aug-11	12-Mar-11	8-Aug-11
Chlorobromomethane	ug/l	-	-	-	-	0.025 U	0.24 U	0.24 U	0.24 U	0.025 U	0.24 U	0.025 U	0.24 U	0.24 U	0.025 U	0.24 U
Chlorodibromomethane	ug/l	-	0.520833333	160	-	0.025 U	0.32 U	0.32 U	0.32 U	0.025 U	0.32 U	**0.049 J**	0.32 U	0.32 U	0.025 U	0.32 U
Chloroethane	ug/l	-	-	-	-	0.075 U	0.75 U	0.75 U	0.75 U	0.075 U	0.75 U	0.075 U	0.75 U	0.75 U	0.075 U	0.75 U
Chloroform	ug/l	-	-	80	-	**0.14**	**0.23 J**	**0.22 J**	0.15 U	**0.067 J**	0.15 U	**6.7**	0.15 U	0.15 U	0.03 U	0.15 U
Chloromethane	ug/l	-	-	-	-	0.035 U	0.75 U	0.75 U	0.75 U	0.035 U	0.75 U	0.035 U	0.75 U	0.75 U	0.035 U	0.75 U
cis-1,2-Dichloroethene	ug/l	-	-	16	70	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
cis-1,3-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Dibromomethane	ug/l	-	-	80	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Dichlorobromomethane	ug/l	-	0.705645161	160	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	**0.5**	0.15 U	0.15 U	0.025 U	0.15 U
Dichlorodifluoromethane	ug/l	-	-	1,600	-	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.1 U	0.15 U
Ethylbenzene	ug/l	700	-	800	700	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	**0.031 J**	0.15 U	0.15 U	0.03 U	0.15 U
Ethylene Dibromide	ug/l	0.01	0.0219	72	0.05	0.025 U	0.31 U	0.31 U	0.31 U	0.025 U	0.31 U	0.025 U	0.31 U	0.31 U	0.025 U	0.31 U
Hexachlorobutadiene	ug/l	-	0.560897436	8	-	0.075 U	0.15 U	0.15 U	0.15 U	0.075 U	0.15 U	0.075 U	0.15 U	0.15 U	0.075 U	0.15 U
Isopropylbenzene	ug/l	-	-	800	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Methyl tert-butyl ether	ug/l	20	-	-	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Methylene Chloride	ug/l	5	5.833333333	480	5	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
m-Xylene & p-Xylene	ug/l	-	-	-	-	0.05 U	0.3 U	0.3 U	0.3 U	0.05 U	0.3 U	**0.059 J**	0.3 U	0.3 U	0.05 U	0.3 U
n-Butylbenzene	ug/l	-	-	-	-	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.03 U	0.15 U	0.15 U	0.03 U	0.15 U
N-Propylbenzene	ug/l	-	-	800	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
o-Xylene	ug/l	-	-	1,600	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
sec-Butylbenzene	ug/l	-	-	-	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Styrene	ug/l	-	-	1,600	100	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
tert-Butylbenzene	ug/l	-	-	-	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Tetrachloroethene	ug/l	5	-	80	5	**0.11**	0.15 U	0.15 U	0.15 U	**0.035 J**	0.15 U	**0.036 J**	0.15 U	0.15 U	0.025 U	0.15 U
Toluene	ug/l	1,000	-	640	1,000	**0.08 J**	0.15 U	0.15 U	0.15 U	**0.025 J**	0.15 U	**1.2**	0.15 U	0.15 U	**0.031 J**	0.15 U
Total Xylenes (Calculated)	ug/l	1,000	-	1,600	10,000	0.05 U	0.3 U	0.3 U	0.3 U	0.05 U	0.3 U	**0.059**	0.3 U	0.3 U	0.05 U	0.3 U
trans-1,2-Dichloroethene	ug/l	-	-	160	100	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
trans-1,3-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Trichloroethene	ug/l	5	-	-	5	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Trichlorofluoromethane	ug/l	-	-	2,400	-	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.025 U	0.15 U	0.15 U	0.025 U	0.15 U
Vinyl chloride	ug/l	0.2	-	24	2	0.013 U	0.15 U	0.15 U	0.15 U	0.013 U	0.15 U	0.013 U	0.15 U	0.15 U	0.013 U	0.15 U
Semi Volatile Organic Compounds (SVOCs)																
1-Methylnaphthalene	ug/l	-	1.51	-	-	0.14 U	-	-	-	0.14 U	-	0.14 U	-	-	0.14 U	-
2,2'-oxybis[1-chloropropane]	ug/l	-	0.625	320	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2,4,5-Trichlorophenol	ug/l	-	-	800	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2,4,6-Trichlorophenol	ug/l	-	3.977272727	8	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2,4-Dichlorophenol	ug/l	-	-	24	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2,4-Dimethylphenol	ug/l	-	-	160	-	1.4 U	-	-	-	1.4 U	-	1.4 U	-	-	1.4 U	-
2,4-Dinitrophenol	ug/l	-	-	32	-	4.7 U	-	-	-	4.7 U	-	4.7 U	-	-	4.7 U	-
2,4-Dinitrotoluene	ug/l	-	-	32	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2,6-Dinitrotoluene	ug/l	-	-	16	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2-Chloronaphthalene	ug/l	-	-	640	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
2-Chlorophenol	ug/l	-	-	40	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2-Methylnaphthalene	ug/l	-	-	32	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
2-Methylphenol	ug/l	-	-	400	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2-Nitroaniline	ug/l	-	-	160	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
2-Nitrophenol	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
3 & 4 Methylphenol	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
3,3'-Dichlorobenzidine	ug/l	-	0.194444444	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value fo

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-B	Irrigation Well	EWB-060211	EW-B-08082011	EB-01-08042011	YK-Equipment Blank	YK-Equipment Blank (2)	TB-01-08042011	TB-02-08082011	TB01	YK-Trip Blank (2)
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	12-Mar-11	12-Mar-11	2-Jun-11	8-Aug-11	4-Aug-11	13-Mar-11	2-Jun-11	4-Aug-11	8-Aug-11	12-Mar-11	2-Jun-11
Chlorobromomethane	ug/l	-	-	-	-	0.025 U	0.025 U	0.24 U	0.24 U	0.24 U	0.025 U	0.24 U	0.24 U	0.24 U	0.025 U	0.24 U
Chlorodibromomethane	ug/l	-	0.520833333	160	-	0.025 U	0.025 U	0.32 U	0.32 U	0.32 U	0.025 U	0.32 U	0.32 U	0.32 U	0.025 U	0.32 U
Chloroethane	ug/l	-	-	-	-	0.075 U	0.075 U	0.75 U	0.75 U	0.75 U	0.075 U	0.75 U	0.75 U	0.75 U	0.075 U	0.75 U
Chloroform	ug/l	-	-	80	-	**0.059 J**	**0.18**	**0.15 J**	0.15 U	0.15 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U
Chloromethane	ug/l	-	-	-	-	0.035 U	0.035 U	0.75 U	0.75 U	0.75 U	0.035 U	0.75 U	0.75 U	0.75 U	0.035 U	0.75 U
cis-1,2-Dichloroethene	ug/l	-	-	16	70	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
cis-1,3-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Dibromomethane	ug/l	-	-	80	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Dichlorobromomethane	ug/l	-	0.705645161	160	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Dichlorodifluoromethane	ug/l	-	-	1,600	-	0.1 U	**1.7**	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U
Ethylbenzene	ug/l	700	-	800	700	0.03 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U
Ethylene Dibromide	ug/l	0.01	0.0219	72	0.05	0.025 U	0.025 U	0.31 U	0.31 U	0.31 U	0.025 U	0.31 U	0.31 U	0.31 U	0.025 U	0.31 U
Hexachlorobutadiene	ug/l	-	0.560897436	8	-	0.075 U	0.075 U	0.15 U	0.15 U	0.15 U	0.075 U	0.15 U	0.15 U	0.15 U	0.075 U	0.15 U
Isopropylbenzene	ug/l	-	-	800	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Methyl tert-butyl ether	ug/l	20	-	-	-	**0.025 J**	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Methylene Chloride	ug/l	5	5.833333333	480	5	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	**11**	0.15 U	**0.22 J B**	0.15 U	0.025 U	0.15 U
m-Xylene & p-Xylene	ug/l	-	-	-	-	0.05 U	0.05 U	0.3 U	0.3 U	0.3 U	0.05 U	0.3 U	0.3 U	0.3 U	0.05 U	0.3 U
n-Butylbenzene	ug/l	-	-	-	-	0.03 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U	0.15 U	0.15 U	0.03 U	0.15 U
N-Propylbenzene	ug/l	-	-	800	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
o-Xylene	ug/l	-	-	1,600	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
sec-Butylbenzene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Styrene	ug/l	-	-	1,600	100	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
tert-Butylbenzene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Tetrachloroethene	ug/l	5	-	80	5	**0.07 J**	**0.068 J**	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Toluene	ug/l	1,000	-	640	1,000	0.025 U	0.025 U	0.15 U	0.15 U	**0.16 J**	**0.12**	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Total Xylenes (Calculated)	ug/l	1,000	-	1,600	10,000	0.05 U	0.05 U	0.3 U	0.3 U	0.3 U	0.05 U	0.3 U	0.3 U	0.3 U	0.05 U	0.3 U
trans-1,2-Dichloroethene	ug/l	-	-	160	100	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
trans-1,3-Dichloropropene	ug/l	-	-	-	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Trichloroethene	ug/l	5	-	-	5	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Trichlorofluoromethane	ug/l	-	-	2,400	-	0.025 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U	0.15 U	0.15 U	0.025 U	0.15 U
Vinyl chloride	ug/l	0.2	-	24	2	0.013 U	0.013 U	0.15 U	0.15 U	0.15 U	0.013 U	0.15 U	0.15 U	0.15 U	0.013 U	0.15 U
Semi Volatile Organic Compounds (SVOCs)																
1-Methylnaphthalene	ug/l	-	1.51	-	-	0.14 U	0.14 U	-	-	-	0.14 U	-	-	-	-	-
2,2'-oxybis[1-chloropropane]	ug/l	-	0.625	320	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2,4,5-Trichlorophenol	ug/l	-	-	800	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2,4,6-Trichlorophenol	ug/l	-	3.977272727	8	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2,4-Dichlorophenol	ug/l	-	-	24	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2,4-Dimethylphenol	ug/l	-	-	160	-	1.4 U	1.4 U	-	-	-	1.4 U	-	-	-	-	-
2,4-Dinitrophenol	ug/l	-	-	32	-	4.8 U	4.7 U	-	-	-	4.8 U	-	-	-	-	-
2,4-Dinitrotoluene	ug/l	-	-	32	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2,6-Dinitrotoluene	ug/l	-	-	16	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2-Chloronaphthalene	ug/l	-	-	640	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
2-Chlorophenol	ug/l	-	-	40	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2-Methylnaphthalene	ug/l	-	-	32	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
2-Methylphenol	ug/l	-	-	400	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2-Nitroaniline	ug/l	-	-	160	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
2-Nitrophenol	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
3 & 4 Methylphenol	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/l	-	0.194444444	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value for this analyte)

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-1	YK-MW11 [4]	MW-01-08052011	YK-MW-2	MW-02-08052011	YK-MW-3	MW-03-08052011	DUP-01-08052011	YK-MW-4	MW-04-08042011
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	13-Mar-11	13-Mar-11	5-Aug-11	13-Mar-11	5-Aug-11	13-Mar-11	5-Aug-11	5-Aug-11	13-Mar-11	4-Aug-11
3-Nitroaniline	ug/l	-	-	-	-	0.57 U	0.57 U	-	0.57 U	-	0.57 U	-	-	0.57 U	-
4,6-Dinitro-2-methylphenol	ug/l	-	-	-	-	4.7 U	4.7 U	-	4.8 U	-	4.7 U	-	-	4.7 U	-
4-Bromophenyl phenyl ether	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
4-Chloro-3-methylphenol	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
4-Chloroaniline	ug/l	-	0.219	32	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
4-Chlorophenyl phenyl ether	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
4-Nitroaniline	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
4-Nitrophenol	ug/l	-	-	-	-	4.7 U	4.7 U	-	4.8 U	-	4.7 U	-	-	4.7 U	-
Acenaphthene	ug/l	-	-	960	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Acenaphthylene	ug/l	-	-	-	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Anthracene	ug/l	-	-	4,800	-	0.047 U	0.047 U	-	0.048 U	-	0.047 U	-	-	0.047 U	-
Benzo[a]anthracene	ug/l	-	0.12	-	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Benzo[a]pyrene	ug/l	0.1	0.011986301	-	0.2	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Benzo[b]fluoranthene	ug/l	-	0.12	-	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Benzo[g,h,i]perylene	ug/l	-	-	-	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Benzo[k]fluoranthene	ug/l	-	1.2	-	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Benzoic acid	ug/l	-	-	64,000	-	2.8 U	2.8 U	-	2.9 U	-	2.8 U	-	-	2.8 U	-
Benzyl alcohol	ug/l	-	-	800	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Bis(2-chloroethoxy)methane	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Bis(2-chloroethyl)ether	ug/l	-	0.03977	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Bis(2-ethylhexyl) phthalate	ug/l	-	6.25	320	6	5.6 U	5.6 U	-	5.6 U	-	5.6 U	-	-	5.6 U	-
Butyl benzyl phthalate	ug/l	-	46.1	3,200	-	0.94 U	0.94 U	-	0.95 U	-	0.94 U	-	-	0.94 U	-
Carbazole	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Chrysene	ug/l	-	12	-	-	0.061 U	0.061 U	-	0.062 U	-	0.061 U	-	-	0.061 U	-
Dibenz(a,h)anthracene	ug/l	-	0.012	-	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Dibenzofuran	ug/l	-	-	16	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Diethyl phthalate	ug/l	-	-	12,800	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Dimethyl phthalate	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Di-n-butyl phthalate	ug/l	-	-	1,600	-	0.61 U	0.61 U	-	**0.92 J**	-	**0.71 J**	-	-	**0.72 J**	-
Di-n-octyl phthalate	ug/l	-	-	-	-	0.94 U	0.94 U	-	0.95 U	-	0.94 U	-	-	0.94 U	-
Fluoranthene	ug/l	-	-	640	-	0.061 U	0.061 U	-	0.062 U	-	0.061 U	-	-	0.061 U	-
Fluorene	ug/l	-	-	640	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Hexachlorobenzene	ug/l	-	0.0546875	12.8	1	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Hexachlorocyclopentadiene	ug/l	-	-	48	50	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Hexachloroethane	ug/l	-	3.125	8	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Indeno[1,2,3-cd]pyrene	ug/l	-	0.12	-	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Isophorone	ug/l	-	46.05263158	1,600	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Naphthalene	ug/l	160	-	160	-	0.1 U	0.1 U	0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.1 U	0.15 U
Nitrobenzene	ug/l	-	-	16	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
N-Nitrosodi-n-propylamine	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
N-Nitrosodiphenylamine	ug/l	-	-	-	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Pentachlorophenol	ug/l	-	0.219	80	1	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Phenanthrene	ug/l	-	-	-	-	0.094 U	0.094 U	-	0.095 U	-	0.094 U	-	-	0.094 U	-
Phenol	ug/l	-	-	2,400	-	0.47 U	0.47 U	-	0.48 U	-	0.47 U	-	-	0.47 U	-
Pyrene	ug/l	-	-	480	-	0.061 U	0.061 U	-	0.062 U	-	0.061 U	-	-	0.061 U	-

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value fo

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-5	MW-05-060211	DUP-060211	MW-05-08082011	YK-MW-6	MW-06-08082011	YK-MW-7	MW-07-060211	MW-07-08082011	YK-MW-A	EW-A-08082011
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	13-Mar-11	2-Jun-11	2-Jun-11	8-Aug-11	13-Mar-11	8-Aug-11	13-Mar-11	2-Jun-11	8-Aug-11	12-Mar-11	8-Aug-11
3-Nitroaniline	ug/l	-	-	-	-	0.57 U	-	-	-	0.57 U	-	0.57 U	-	-	0.57 U	-
4,6-Dinitro-2-methylphenol	ug/l	-	-	-	-	4.7 U	-	-	-	4.7 U	-	4.7 U	-	-	4.7 U	-
4-Bromophenyl phenyl ether	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
4-Chloro-3-methylphenol	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
4-Chloroaniline	ug/l	-	0.219	32	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
4-Chlorophenyl phenyl ether	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
4-Nitroaniline	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
4-Nitrophenol	ug/l	-	-	-	-	4.7 U	-	-	-	4.7 U	-	4.7 U	-	-	4.7 U	-
Acenaphthene	ug/l	-	-	960	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Acenaphthylene	ug/l	-	-	-	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Anthracene	ug/l	-	-	4,800	-	0.047 U	-	-	-	0.047 U	-	0.047 U	-	-	0.047 U	-
Benzo[a]anthracene	ug/l	-	0.12	-	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Benzo[a]pyrene	ug/l	0.1	0.011986301	-	0.2	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Benzo[b]fluoranthene	ug/l	-	0.12	-	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Benzo[g,h,i]perylene	ug/l	-	-	-	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Benzo[k]fluoranthene	ug/l	-	1.2	-	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Benzoic acid	ug/l	-	-	64,000	-	2.8 U	-	-	-	2.8 U	-	**3.6 J**	-	-	2.8 U	-
Benzyl alcohol	ug/l	-	-	800	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Bis(2-chloroethoxy)methane	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Bis(2-chloroethyl)ether	ug/l	-	0.03977	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Bis(2-ethylhexyl) phthalate	ug/l	-	6.25	320	6	5.6 U	-	-	-	5.6 U	-	5.6 U	-	-	5.6 U	-
Butyl benzyl phthalate	ug/l	-	46.1	3,200	-	0.94 U	-	-	-	0.94 U	-	0.94 U	-	-	0.94 U	-
Carbazole	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Chrysene	ug/l	-	12	-	-	0.061 U	-	-	-	0.061 U	-	0.061 U	-	-	0.061 U	-
Dibenz(a,h)anthracene	ug/l	-	0.012	-	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Dibenzofuran	ug/l	-	-	16	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Diethyl phthalate	ug/l	-	-	12,800	-	0.47 U	-	-	-	0.47 U	-	**0.5 J**	-	-	0.47 U	-
Dimethyl phthalate	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Di-n-butyl phthalate	ug/l	-	-	1,600	-	0.61 U	-	-	-	**0.69 J**	-	**0.69 J**	-	-	0.61 U	-
Di-n-octyl phthalate	ug/l	-	-	-	-	0.94 U	-	-	-	0.94 U	-	0.94 U	-	-	0.94 U	-
Fluoranthene	ug/l	-	-	640	-	0.061 U	-	-	-	0.061 U	-	0.061 U	-	-	0.061 U	-
Fluorene	ug/l	-	-	640	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Hexachlorobenzene	ug/l	-	0.0546875	12.8	1	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Hexachlorocyclopentadiene	ug/l	-	-	48	50	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Hexachloroethane	ug/l	-	3.125	8	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Indeno[1,2,3-cd]pyrene	ug/l	-	0.12	-	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Isophorone	ug/l	-	46.05263158	1,600	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Naphthalene	ug/l	160	-	160	-	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U	0.1 U	0.15 U	0.15 U	0.1 U	0.15 U
Nitrobenzene	ug/l	-	-	16	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
N-Nitrosodi-n-propylamine	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
N-Nitrosodiphenylamine	ug/l	-	-	-	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Pentachlorophenol	ug/l	-	0.219	80	1	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Phenanthrene	ug/l	-	-	-	-	0.094 U	-	-	-	0.094 U	-	0.094 U	-	-	0.094 U	-
Phenol	ug/l	-	-	2,400	-	0.47 U	-	-	-	0.47 U	-	0.47 U	-	-	0.47 U	-
Pyrene	ug/l	-	-	480	-	0.061 U	-	-	-	0.061 U	-	0.061 U	-	-	0.061 U	-

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value fo

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-B	Irrigation Well	EWB-060211	EW-B-08082011	EB-01-08042011	YK-Equipment Blank	YK-Equipment Blank (2)	TB-01-08042011	TB-02-08082011	TB01	YK-Trip Blank (2)
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	12-Mar-11	12-Mar-11	2-Jun-11	8-Aug-11	4-Aug-11	13-Mar-11	2-Jun-11	4-Aug-11	8-Aug-11	12-Mar-11	2-Jun-11
3-Nitroaniline	ug/l	-	-	-	-	0.58 U	0.57 U	-	-	-	0.58 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	ug/l	-	-	-	-	4.8 U	4.7 U	-	-	-	4.8 U	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
4-Chloro-3-methylphenol	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
4-Chloroaniline	ug/l	-	0.219	32	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
4-Nitroaniline	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
4-Nitrophenol	ug/l	-	-	-	-	4.8 U	4.7 U	-	-	-	4.8 U	-	-	-	-	-
Acenaphthene	ug/l	-	-	960	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Acenaphthylene	ug/l	-	-	-	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Anthracene	ug/l	-	-	4,800	-	0.048 U	0.047 U	-	-	-	0.048 U	-	-	-	-	-
Benzo[a]anthracene	ug/l	-	0.12	-	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Benzo[a]pyrene	ug/l	0.1	0.011986301	-	0.2	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Benzo[b]fluoranthene	ug/l	-	0.12	-	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Benzo[g,h,i]perylene	ug/l	-	-	-	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Benzo[k]fluoranthene	ug/l	-	1.2	-	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Benzoic acid	ug/l	-	-	64,000	-	2.9 U	2.8 U	-	-	-	2.9 U	-	-	-	-	-
Benzyl alcohol	ug/l	-	-	800	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Bis(2-chloroethoxy)methane	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Bis(2-chloroethyl)ether	ug/l	-	0.03977	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Bis(2-ethylhexyl) phthalate	ug/l	-	6.25	320	6	5.7 U	5.6 U	-	-	-	5.7 U	-	-	-	-	-
Butyl benzyl phthalate	ug/l	-	46.1	3,200	-	0.96 U	0.94 U	-	-	-	0.96 U	-	-	-	-	-
Carbazole	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Chrysene	ug/l	-	12	-	-	0.062 U	0.061 U	-	-	-	0.062 U	-	-	-	-	-
Dibenz(a,h)anthracene	ug/l	-	0.012	-	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Dibenzofuran	ug/l	-	-	16	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Diethyl phthalate	ug/l	-	-	12,800	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Dimethyl phthalate	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Di-n-butyl phthalate	ug/l	-	-	1,600	-	**0.67 J**	0.61 U	-	-	-	0.62 U	-	-	-	-	-
Di-n-octyl phthalate	ug/l	-	-	-	-	0.96 U	0.94 U	-	-	-	0.96 U	-	-	-	-	-
Fluoranthene	ug/l	-	-	640	-	0.062 U	0.061 U	-	-	-	0.062 U	-	-	-	-	-
Fluorene	ug/l	-	-	640	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Hexachlorobenzene	ug/l	-	0.0546875	12.8	1	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Hexachlorocyclopentadiene	ug/l	-	-	48	50	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Hexachloroethane	ug/l	-	3.125	8	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Indeno[1,2,3-cd]pyrene	ug/l	-	0.12	-	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Isophorone	ug/l	-	46.05263158	1,600	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Naphthalene	ug/l	160	-	160	-	0.1 U	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U	0.15 U	0.15 U	0.1 U	0.15 U
Nitrobenzene	ug/l	-	-	16	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
N-Nitrosodiphenylamine	ug/l	-	-	-	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Pentachlorophenol	ug/l	-	0.219	80	1	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Phenanthrene	ug/l	-	-	-	-	0.096 U	0.094 U	-	-	-	0.096 U	-	-	-	-	-
Phenol	ug/l	-	-	2,400	-	0.48 U	0.47 U	-	-	-	0.48 U	-	-	-	-	-
Pyrene	ug/l	-	-	480	-	0.062 U	0.061 U	-	-	-	0.062 U	-	-	-	-	-

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value for this analyte)

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-1	YK-MW11 [4]	MW-01-08052011	YK-MW-2	MW-02-08052011	YK-MW-3	MW-03-08052011	DUP-01-08052011	YK-MW-4	MW-04-08042011
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	13-Mar-11	13-Mar-11	5-Aug-11	13-Mar-11	5-Aug-11	13-Mar-11	5-Aug-11	5-Aug-11	13-Mar-11	4-Aug-11
Polychlorinated Biphenyls (PCBs)															
PCB-1016	ug/l	-	1.25	1.12	-	0.042 U	0.044 U	-	0.042 U	-	0.042 U	-	-	0.043 U	-
PCB-1221	ug/l	-	-	-	-	0.058 U	0.06 U	-	0.058 U	-	0.058 U	-	-	0.059 U	-
PCB-1232	ug/l	-	-	-	-	0.039 U	0.04 U	-	0.039 U	-	0.039 U	-	-	0.039 U	-
PCB-1242	ug/l	-	-	-	-	0.039 U	0.04 U	-	0.039 U	-	0.039 U	-	-	0.039 U	-
PCB-1248	ug/l	-	-	-	-	0.067 U	0.069 U	-	0.067 U	-	0.067 U	-	-	0.068 U	-
PCB-1254	ug/l	-	0.0437	0.32	-	0.042 U	0.043 U	-	0.042 U	-	0.042 U	-	-	0.042 U	-
PCB-1260	ug/l	-	0.0437	-	-	0.037 U	0.038 U	-	0.037 U	-	0.037 U	-	-	0.037 U	-
Total PCBs (Calculated)	ug/l	0.1	0.04375	-	0.5	0.067 U	0.069 U	-	0.067 U	-	0.067 U	-	-	0.068 U	-

Notes:

[1] WADOE Model Toxics Control Act, Groundwater Method B Standard Formula Value

[2] WADOE Model Toxics Control Act, Groundwater Method A Standard Formula Value

[3] Washington Department of Health MCLs

[4] MW-11 is a field duplicate for sample MW-1

mg/L milligrams per liter

µg/L icrograms per liter

EPH extractable petroleum hydrocarbons

MCL Maximum Contaminant Level

MDL method detection limit

MTCA Model Toxics Control Act

RL reporting limit

WADOE Washington Department of Ecology

WADOH Washington Department of Health MCLs

U Constituent not detected at or above the associated MDL

J Sample concentration detected between the associated MDL and RL

B Analyte detected in associated laboratory blank

Y Fuel compound Is a complex hydrocarbon mixture

R Samples analyzed outside of the method prescribed hold-time

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value fo

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-5	MW-05-060211	DUP-060211	MW-05-08082011	YK-MW-6	MW-06-08082011	YK-MW-7	MW-07-060211	MW-07-08082011	YK-MW-A	EW-A-08082011
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	13-Mar-11	2-Jun-11	2-Jun-11	8-Aug-11	13-Mar-11	8-Aug-11	13-Mar-11	2-Jun-11	8-Aug-11	12-Mar-11	8-Aug-11
Polychlorinated Biphenyls (PCBs)																
PCB-1016	ug/l	-	1.25	1.12	-	0.042 U	-	-	-	0.042 U	-	0.042 U	-	-	0.042 U	-
PCB-1221	ug/l	-	-	-	-	0.058 U	-	-	-	0.058 U	-	0.058 U	-	-	0.058 U	-
PCB-1232	ug/l	-	-	-	-	0.039 U	-	-	-	0.039 U	-	0.039 U	-	-	0.039 U	-
PCB-1242	ug/l	-	-	-	-	0.039 U	-	-	-	0.039 U	-	0.039 U	-	-	0.039 U	-
PCB-1248	ug/l	-	-	-	-	0.067 U	-	-	-	0.067 U	-	0.067 U	-	-	0.067 U	-
PCB-1254	ug/l	-	0.0437	0.32	-	0.042 U	-	-	-	0.042 U	-	0.042 U	-	-	0.042 U	-
PCB-1260	ug/l	-	0.0437	-	-	0.037 U	-	-	-	0.037 U	-	**0.27 J**	-	-	0.037 U	-
Total PCBs (Calculated)	ug/l	0.1	0.04375	-	0.5	0.067 U	-	-	-	0.067 U	-	**0.27**	-	-	0.067 U	-

Notes:

[1] WADOE Model Toxics Control Act, Groundwater Method B Standard Formula Value

[2] WADOE Model Toxics Control Act, Groundwater Method A Standard Formula Value

[3] Washington Department of Health MCLs

[4] MW-11 is a field duplicate for sample MW-1

mg/L milligrams per liter

µg/L icrograms per liter

EPH extractable petroleum hydrocarbons

MCL Maximum Contaminant Level

MDL method detection limit

MTCA Model Toxics Control Act

RL reporting limit

WADOE Washington Department of Ecology

WADOH Washington Department of Health MCLs

U Constituent not detected at or above the associated MDL

J Sample concentration detected between the associated MDL and RL

B Analyte detected in associated laboratory blank

Y Fuel compound Is a complex hydrocarbon mixture

R Samples analyzed outside of the method prescribed hold-time

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

TABLE 2: SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concentration exceeds Washington MTCA Method B screening level

1.23 Detected concentration exceeds Washington MTCA Method A screening level (no MTCA Method B value fo

Analyte	Unit	WADOE Model Toxics Control Act			WADOH	YK-MW-B	Irrigation Well	EWB-060211	EW-B-08082011	EB-01-08042011	YK-Equipment Blank	YK-Equipment Blank (2)	TB-01-08042011	TB-02-08082011	TB01	YK-Trip Blank (2)
		Method A [1]	Method B, Carcinogen [2]	Method B, Non-carcinogen [2]	MCL [3]	12-Mar-11	12-Mar-11	2-Jun-11	8-Aug-11	4-Aug-11	13-Mar-11	2-Jun-11	4-Aug-11	8-Aug-11	12-Mar-11	2-Jun-11
Polychlorinated Biphenyls (PCBs)																
PCB-1016	ug/l	-	1.25	1.12	-	0.042 U	0.042 U	-	-	-	0.042 U	-	-	-	-	-
PCB-1221	ug/l	-	-	-	-	0.058 U	0.058 U	-	-	-	0.058 U	-	-	-	-	-
PCB-1232	ug/l	-	-	-	-	0.039 U	0.039 U	-	-	-	0.039 U	-	-	-	-	-
PCB-1242	ug/l	-	-	-	-	0.039 U	0.039 U	-	-	-	0.039 U	-	-	-	-	-
PCB-1248	ug/l	-	-	-	-	0.067 U	0.067 U	-	-	-	0.067 U	-	-	-	-	-
PCB-1254	ug/l	-	0.0437	0.32	-	0.042 U	0.042 U	-	-	-	0.042 U	-	-	-	-	-
PCB-1260	ug/l	-	0.0437	-	-	0.037 U	0.037 U	-	-	-	0.037 U	-	-	-	-	-
Total PCBs (Calculated)	ug/l	0.1	0.04375	-	0.5	0.067 U	0.067 U	-	-	-	0.067 U	-	-	-	-	-

Notes:

[1] WADOE Model Toxics Control Act, Groundwater Method B Standard Formula Value

[2] WADOE Model Toxics Control Act, Groundwater Method A Standard Formula Value

[3] Washington Department of Health MCLs

[4] MW-11 is a field duplicate for sample MW-1

mg/L milligrams per liter

µg/L icrograms per liter

EPH extractable petroleum hydrocarbons

MCL Maximum Contaminant Level

MDL method detection limit

MTCA Model Toxics Control Act

RL reporting limit

WADOE Washington Department of Ecology

WADOH Washington Department of Health MCLs

U Constituent not detected at or above the associated MDL

J Sample concentration detected between the associated MDL and RL

B Analyte detected in associated laboratory blank

Y Fuel compound Is a complex hydrocarbon mixture

R Samples analyzed outside of the method prescribed hold-time

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Concentration

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Method B values for this analyte)

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA Method A, Industrial Land Use [1]	WADOE MTCA Method A, Unrestricted Land Use [1]	WADOE MTCA Method B, Carcinogen, Standard [2]	WADOE MTCA Method B, Non-carcinogen [2]	Background Yakima Basin Soil [3]	YK-MW-1 (0-1) 10-Mar-11	YK-MW-1 (4-5) 10-Mar-11	YK-MW-1 (4-5)Dup 10-Mar-11	YK-MW-2 (0-1) 10-Mar-11	YK-MW-2 (4-5) 10-Mar-11	YK-MW-3 (0-1) 10-Mar-11	YK-MW-3 (4-5) 10-Mar-11	YK-MW-31 (0-1) [4] 10-Mar-11	YK-MW-4 (0-1) 10-Mar-11	YK-MW-4 (4-5) 10-Mar-11
Metals																
Antimony	mg/kg	-	-	-	32	-	0.071 J	0.16 J	0.16 J	0.098 J	0.1 J	0.095 J	0.11 J	0.1 J	0.096 J	0.093 J
Arsenic	mg/kg	20	20	0.7	24	5	2.8	2.1	2.2	2.4	2.3	2.1	2.2	2	2.1	1.6
Barium	mg/kg	-	-	-	16,000	-	130	130	150	130	160	120	160	130	120	120
Beryllium	mg/kg	-	-	-	160	2	0.47	0.58	0.64	0.43	0.56	0.44	0.6	0.4	0.54	0.55
Cadmium	mg/kg	2	2	-	80	1	0.1 J	0.067 J	0.065 J	0.11 J	0.085 J	0.093 J	0.085 J	0.088 J	0.66	0.077 J
Chromium	mg/kg	-	-	-	-	38	11	13	13	12	14	11	16	11	18	12
Copper	mg/kg	-	-	-	3,200	27	18	23	25	21	25	19	29	19	39	22
Lead	mg/kg	1,000	250	-	-	11	17	5.9	5.9	11	5.6	15	6.6	11	13	5.2
Mercury	mg/kg	2	2	-	-	0.05	0.037	0.012 J	0.024	0.015 J	0.013 J	0.017 J	0.014 J	0.22	0.024	0.013 J
Molybdenum	mg/kg	-	-	-	400	-	0.42 B	0.38 J B	0.37 J B	0.39 B	0.48 B	0.39 B	0.34 J B	0.38 J B	0.8 B	0.28 J B
Nickel	mg/kg	-	-	-	1,600	46	7.8	9.8	11	9.2	11	8	12	7.8	13	8
Selenium	mg/kg	-	-	-	400	-	0.59 U	0.72 U	0.64 U	0.56 U	0.7 U	0.55 U	0.77 U	0.6 U	0.67 U	0.71 U
Silver	mg/kg	-	-	-	400	-	0.12 J	0.15 J	0.16 J	0.17 J	0.18 J	0.14 J	0.19 J	0.15 J	0.17 J	0.16 J
Tin	mg/kg	-	-	-	48,000	-	0.58	0.72	0.72	0.57	0.67	0.55	0.76	0.57	0.61	0.62
Zinc	mg/kg	-	-	-	24,000	79	54 ^	43	48	46	51	48	51	50	74	40
Volatile Organic Compounds (VOCs)																
1,1,1,2-Tetrachloroethane	mg/kg	-	-	38.5	2400	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,1,1-Trichloroethane	mg/kg	2	2	-	160000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,1,2,2-Tetrachloroethane	mg/kg	-	-	5	1600	-	0.0027 U	0.0031 U	0.0028 U	0.0023 U	0.0035 U	0.0027 U	0.0025 U	0.0025 U	0.0022 U	0.0025 U
1,1,2-Trichloroethane	mg/kg	-	-	17.5	320	-	0.0025 U	0.0028 U	0.0025 U	0.0021 U	0.0032 U	0.0024 U	0.0023 U	0.0023 U	0.002 U	0.0022 U
1,1-Dichloroethane	mg/kg	-	-	-	16000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,1-Dichloroethene	mg/kg	-	-	-	4000	-	0.0041 U	0.0047 U	0.0042 U	0.0035 U	0.0054 U	0.0041 U	0.0038 U	0.0039 U	0.0034 U	0.0037 U
1,1-Dichloropropene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,2,3-Trichlorobenzene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,2,3-Trichloropropane	mg/kg	-	-	0.03	320	-	0.0095 U	0.011 U	0.0098 U	0.0082 U	0.012 U	0.0095 U	0.0089 U	0.0089 U	0.0078 U	0.0086 U
1,2,4-Trichlorobenzene	mg/kg	-	-	34.5	800	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,2-Dibromo-3-Chloropropane	mg/kg	-	-	1.25	16	-	0.054 U	0.063 U	0.056 U	0.047 U	0.071 U	0.054 U	0.05 U	0.051 U	0.044 U	0.049 U
1,2-Dichlorobenzene	mg/kg	-	-	-	7200	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,2-Dichloroethane	mg/kg	-	-	11.0	1600	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0032 U	0.0037 U	0.0033 U	0.0028 U	0.0042 U	0.0032 U	0.003 U	0.003 U	0.0026 U	0.0029 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	800	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,3-Dichloropropane	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
2,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
2-Chlorotoluene	mg/kg	-	-	-	1600	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
4-Chlorotoluene	mg/kg	-	-	-	-	-	0.011 U	0.012 U	0.011 U	0.0092 U	0.014 U	0.011 U	0.0099 U	0.01 U	0.0087 U	0.0097 U
4-Isopropyltoluene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Benzene	mg/kg	0.03	0.03	18.2	320	-	0.0033 U	0.0038 U	0.0034 U	0.0028 U	0.0043 U	0.0033 U	0.0031 U	0.0031 U	0.0027 U	0.003 U
Bromobenzene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Bromoform	mg/kg	-	-	126.6	1600	-	0.009 U	0.01 U	0.0093 U	0.0078 U	0.012 U	0.009 U	0.0084 U	0.0085 U	0.0074 U	0.0082 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA Method A, Industrial Land Use [1]	WADOE MTCA Method A, Unrestricted Land Use [1]	WADOE MTCA Method B, Carcinogen, Standard [2]	WADOE MTCA Method B, Non-carcinogen [2]	Background Yakima Basin Soil [3]	YK-MW-5 (0-1) 11-Mar-11	YK-MW-5 (2-3) 11-Mar-11	YK-MW-6 (0-1) 11-Mar-11	YK-MW-6 (4-5) 11-Mar-11	YK-MW-6 (4-5)D 11-Mar-11	YK-MW-7 (0-1) 11-Mar-11	YK-MW-7 (4-5) 11-Mar-11	YK-SB-01 (0-1) 11-Mar-11	YK-SB-01 (4-5) 11-Mar-11	YK-SB-02 (0-1) 11-Mar-11	YK-SB-02 (3-4) 11-Mar-11
Metals																	
Antimony	mg/kg	-	-	-	32	-	0.052 J B	0.072 J B	0.94	0.069 J B	0.075 J B	0.066 J B	0.077 J B	0.084 J	0.065 J	0.076 J	0.053 J
Arsenic	mg/kg	20	20	0.7	24	5	1.4	1.7	4	3	3	3	3	1.7	2.6	3.8	1.1
Barium	mg/kg	-	-	-	16,000	-	110	160	120 B	140	130	120	150	96 B	150 B	150 B	130 B
Beryllium	mg/kg	-	-	-	160	2	0.39	0.56	0.46	0.48	0.52	0.45	0.53	0.3	0.48	0.39	0.39
Cadmium	mg/kg	2	2	-	80	1	0.085 J	0.077 J	0.49	0.062 J	0.063 J	0.094 J	0.06 J	0.12 J	0.085 J	0.079 J	0.068 J
Chromium	mg/kg	-	-	-	-	38	11	17	24	14	13	12	17	18	11	11	9.2
Copper	mg/kg	-	-	-	3,200	27	19	25	39	19	20	19	22	28	19	17	15
Lead	mg/kg	1,000	250	-	-	11	5.2	5.8	59	7	8.6	11	5.8	18	7.2	11	4.4
Mercury	mg/kg	2	2	-	-	0.05	0.011 J	0.016 J	0.033	0.011 J	0.013 J	0.018	0.014 J	0.029	0.01 J	0.01 J	0.007 J
Molybdenum	mg/kg	-	-	-	400	-	0.34 J	0.38 J	1.2	0.4	0.38 J	0.4 J	0.62	0.7	0.47	0.44	0.31
Nickel	mg/kg	-	-	-	1,600	46	8.2	13	15	10	9.8	8.5	13	13	8.7	8.7	7.8
Selenium	mg/kg	-	-	-	400	-	0.72 U	0.8 U	0.72 U	0.6 U	0.74 U	0.64 U	0.61 U	0.61 U	0.55 U	0.56 U	0.46 U
Silver	mg/kg	-	-	-	400	-	0.15 J	0.17 J	0.25	0.15 J	0.17 J	0.14 J	0.15 J	0.14 J	0.12 J	0.13 J	0.11 J
Tin	mg/kg	-	-	-	48,000	-	0.46 J B	0.66 J B	0.95 B	0.55 B	0.61 B	0.5 J B	0.63 B	0.52 B	0.53 B	0.48 B	0.46 B
Zinc	mg/kg	-	-	-	24,000	79	48	53	81 B	47	44	50	50	42 B	50 B	47 B	41 B
Volatile Organic Compounds (VOCs)																	
1,1,1,2-Tetrachloroethane	mg/kg	-	-	38.5	2400	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,1,1-Trichloroethane	mg/kg	2	2	-	160000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,1,2,2-Tetrachloroethane	mg/kg	-	-	5	1600	-	0.0023 U	0.0021 U	0.0023 U	0.002 U	0.0021 U	0.0022 U	0.0026 U	0.0025 U	0.0019 U	0.0021 U	0.0024 U
1,1,2-Trichloroethane	mg/kg	-	-	17.5	320	-	0.0021 U	0.0019 U	0.0021 U	0.0019 U	0.0019 U	0.002 U	0.0023 U	0.0023 U	0.0017 U	0.0019 U	0.0022 U
1,1-Dichloroethane	mg/kg	-	-	-	16000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,1-Dichloroethene	mg/kg	-	-	-	4000	-	0.0035 U	0.0032 U	0.0035 U	0.0031 U	0.0032 U	0.0033 U	0.0039 U	0.0038 U	0.0029 U	0.0032 U	0.0036 U
1,1-Dichloropropene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,2,3-Trichlorobenzene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,2,3-Trichloropropane	mg/kg	-	-	0.03	320	-	0.0081 U	0.0073 U	0.008 U	0.0072 U	0.0074 U	0.0077 U	0.009 U	0.0088 U	0.0067 U	0.0075 U	0.0084 U
1,2,4-Trichlorobenzene	mg/kg	-	-	34.5	800	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,2-Dibromo-3-Chloropropane	mg/kg	-	-	1.25	16	-	0.046 U	0.042 U	0.046 U	0.041 U	0.042 U	0.044 U	0.051 U	0.05 U	0.038 U	0.042 U	0.048 U
1,2-Dichlorobenzene	mg/kg	-	-	-	7200	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,2-Dichloroethane	mg/kg	-	-	11.0	1600	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0027 U	0.0025 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.003 U	0.0029 U	0.0022 U	0.0025 U	0.0028 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	800	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,3-Dichloropropane	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
2,2-Dichloropropane	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
2-Chlorotoluene	mg/kg	-	-	-	1600	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
4-Chlorotoluene	mg/kg	-	-	-	-	-	0.0091 U	0.0082 U	0.009 U	0.008 U	0.0083 U	0.0086 U	0.01 U	0.0098 U	0.0075 U	0.0084 U	0.0094 U
4-Isopropyltoluene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Benzene	mg/kg	0.03	0.03	18.2	320	-	0.0028 U	0.0025 U	0.0028 U	0.0025 U	0.0025 U	0.0027 U	0.0031 U	0.003 U	0.0023 U	0.0026 U	0.0029 U
Bromobenzene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Bromoform	mg/kg	-	-	126.6	1600	-	0.0077 U	0.0069 U	0.0076 U	0.0068 U	0.007 U	0.0073 U	0.0086 U	0.0083 U	0.0063 U	0.0071 U	0.008 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA Method A, Industrial Land Use [1]	WADOE MTCA Method A, Unrestricted Land Use [1]	WADOE MTCA Method B, Carcinogen, Standard [2]	WADOE MTCA Method B, Non-carcinogen [2]	Background Yakima Basin Soil [3]	YK-SB-03 (0-1) 11-Mar-11	YK-SB-03 (3-4) 11-Mar-11	YK-SB-04 (0-1) 11-Mar-11	YK-SB-04 (4-5) 11-Mar-11	YK-SB5 (0-1) 10-Mar-11	YK-SB05 (5-6) 10-Mar-11	YK-SB-06 (0-1) 10-Mar-11	YK-SB-06 (4-5) 10-Mar-11	YK-SB-07 (0-1) 11-Mar-11	YK-SB-07 (3-4) 11-Mar-11	YK-SB-08 (0-1) 10-Mar-11
Metals																	
Antimony	mg/kg	-	-	-	32	-	0.076 J	0.068 J	0.45	0.094 J	0.067 J	0.14 J	0.062 J B	0.073 J B	0.088 J B	0.071 J	0.074 J B
Arsenic	mg/kg	20	20	0.7	24	5	2.8	1.8	3.9	2.3	2.5	2.2	2	1.5	2.1	1.9	5.2
Barium	mg/kg	-	-	-	16,000	-	130 B	190 B	160 B	150 B	120	140	98	150	120	160 B	150
Beryllium	mg/kg	-	-	-	160	2	0.42	0.5	0.48	0.49	0.4	0.77	0.33	0.57	0.47	0.48	0.39
Cadmium	mg/kg	2	2	-	80	1	0.085 J	0.074 J	0.14 J	0.09 J	0.11 J	0.092 J	0.088 J	0.081 J	0.18 J	0.072 J	0.11 J
Chromium	mg/kg	-	-	-	-	38	11	11	12	12	13	20	9.3	16	14	12	10
Copper	mg/kg	-	-	-	3,200	27	21	18	21	25	21	29	19	23	23	22	20
Lead	mg/kg	1,000	250	-	-	11	10	5	25	7.4	9.9	8.1	9.5	5.7	14	5.3	13
Mercury	mg/kg	2	2	-	-	0.05	0.012 J	0.0096 J	0.02	0.013 J	0.034	0.017 J	0.023	0.011 J	0.024	0.061	0.014 J
Molybdenum	mg/kg	-	-	-	400	-	0.45	0.37 J	0.37	0.4 J	0.55 B	0.43 J B	0.34 J	0.32 J	0.51	0.54	0.37 J
Nickel	mg/kg	-	-	-	1,600	46	8.5	9.2	8.8	10	9.4	15	8.2	11	11	11	9.4
Selenium	mg/kg	-	-	-	400	-	0.62 U	0.72 U	0.5 U	0.77 U	0.52 U	0.68 U	0.66 U	0.66 U	0.65 U	0.72 U	0.58 U
Silver	mg/kg	-	-	-	400	-	0.13 J	0.17 J	0.15 J	0.14 J	0.15 J	0.16 J	0.11 J	0.15 J	0.17 J	0.17 J	0.12 J
Tin	mg/kg	-	-	-	48,000	-	0.51 B	0.53 J B	0.74 B	0.56 J B	0.66	0.82	0.52 J B	0.65 B	0.63 B	0.61 B	0.49 B
Zinc	mg/kg	-	-	-	24,000	79	50 B	44 B	82 B	50 B	50	59	42	55	60	43 B	43
Volatile Organic Compounds (VOCs)																	
1,1,1,2-Tetrachloroethane	mg/kg	-	-	38.5	2400	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,1,1-Trichloroethane	mg/kg	2	2	-	160000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,1,2,2-Tetrachloroethane	mg/kg	-	-	5	1600	-	0.0022 U	0.0026 U	0.0021 U	0.0019 U	0.002 U	0.0026 U	0.0026 U	0.0023 U	0.0023 U	0.0026 U	0.0025 U
1,1,2-Trichloroethane	mg/kg	-	-	17.5	320	-	0.002 U	0.0024 U	0.0019 U	0.0018 U	0.0019 U	0.0023 U	0.0024 U	0.0021 U	0.0021 U	0.0024 U	0.0022 U
1,1-Dichloroethane	mg/kg	-	-	-	16000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,1-Dichloroethene	mg/kg	-	-	-	4000	-	0.0034 U	0.0039 U	0.0032 U	0.0029 U	0.0031 U	0.0039 U	0.004 U	0.0035 U	0.0035 U	0.004 U	0.0037 U
1,1-Dichloropropene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,2,3-Trichlorobenzene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,2,3-Trichloropropane	mg/kg	-	-	0.03	320	-	0.0079 U	0.0092 U	0.0074 U	0.0068 U	0.0072 U	0.009 U	0.0093 U	0.0081 U	0.0082 U	0.0092 U	0.0087 U
1,2,4-Trichlorobenzene	mg/kg	-	-	34.5	800	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,2-Dibromo-3-Chloropropane	mg/kg	-	-	1.25	16	-	0.045 U	0.052 U	0.042 U	0.039 U	0.041 U	0.051 U	0.053 U	0.046 U	0.047 U	0.052 U	0.049 U
1,2-Dichlorobenzene	mg/kg	-	-	-	7200	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,2-Dichloroethane	mg/kg	-	-	11.0	1600	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0027 U	0.0031 U	0.0025 U	0.0023 U	0.0024 U	0.003 U	0.0031 U	0.0027 U	0.0027 U	0.0031 U	0.0029 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	800	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,3-Dichloropropane	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
2,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
2-Chlorotoluene	mg/kg	-	-	-	1600	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
4-Chlorotoluene	mg/kg	-	-	-	-	-	0.0089 U	0.01 U	0.0083 U	0.0077 U	0.008 U	0.01 U	0.01 U	0.0091 U	0.0092 U	0.01 U	0.0097 U
4-Isopropyltoluene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Benzene	mg/kg	0.03	0.03	18.2	320	-	0.0027 U	0.0032 U	0.0026 U	0.0024 U	0.0025 U	0.0031 U	0.0032 U	0.0028 U	0.0028 U	0.0032 U	0.003 U
Bromobenzene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Bromoform	mg/kg	-	-	126.6	1600	-	0.0075 U	0.0087 U	0.0071 U	0.0065 U	0.0068 U	0.0085 U	0.0088 U	0.0077 U	0.0078 U	0.0087 U	0.0082 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA Method A, Industrial Land Use [1]	WADOE MTCA Method A, Unrestricted Land Use [1]	WADOE MTCA Method B, Carcinogen, Standard [2]	WADOE MTCA Method B, Non-carcinogen [2]	Background Yakima Basin Soil [3]	YK-SB-08 (4-5) 10-Mar-11	YK-SB-09 (0-1) 10-Mar-11	YK-SB-09 (0-1)D 10-Mar-11	YK-SB-09 (4-5) 10-Mar-11	YK-SB-10 (0-1) 11-Mar-11	YK-SB-11 (0-1) 11-Mar-11	YK-SB-11 (3-4) 11-Mar-11	YK-SB-12 (0-1) 11-Mar-11	YK-SB-13 (0-1) 11-Mar-11	YK-SB-13 (7-8) 11-Mar-11	YK-SB-14 (0-1) 10-Mar-11
Metals																	
Antimony	mg/kg	-	-	-	32	-	0.055 J B	0.071 J	0.061 J	0.061 J	0.13 J	0.092 J	0.23	0.074 J	0.095 J	0.11 J	0.066 J B
Arsenic	mg/kg	20	20	0.7	24	5	2	2.3	2	2.3	25	8.5	57	3	4.3	2.3	3.1
Barium	mg/kg	-	-	-	16,000	-	130	120	110	120	63 B	51 B	73 B	45 B	63 B	130 B	110
Beryllium	mg/kg	-	-	-	160	2	0.42	0.44	0.37	0.37	0.21	0.19 J	0.29	0.2	0.25	0.67	0.32
Cadmium	mg/kg	2	2	-	80	1	0.077 J	0.14 J	0.1 J	0.068 J	0.068 J	0.067 J	0.071 J	0.056 J	0.084 J	0.08 J	0.094 J
Chromium	mg/kg	-	-	-	-	38	10	14	12	11	14	13	14	6.6	11	16	10
Copper	mg/kg	-	-	-	3,200	27	20	24	21	21	21	18	21	19	19	25	19
Lead	mg/kg	1,000	250	-	-	11	6.3	12	8.4	4.5	130	35	260	11	19	7.7	12
Mercury	mg/kg	2	2	-	-	0.05	0.011 J	0.018 J	0.011 J	0.014 J	0.027	0.021	0.032	0.043	0.041	0.013 J	0.016 J
Molybdenum	mg/kg	-	-	-	400	-	0.35 J	0.43 B	0.35 J B	0.34 J B	0.58	0.53	0.8	0.35 J	0.66	0.34 J	0.28 J
Nickel	mg/kg	-	-	-	1,600	46	10	10	8.8	8.6	18	17	16	7.3	11	12	8.3
Selenium	mg/kg	-	-	-	400	-	0.66 U	0.64 U	0.7 U	0.57 U	0.53 U	0.62 U	0.53 U	0.57 U	0.63 U	0.76 U	0.59 U
Silver	mg/kg	-	-	-	400	-	0.14 J	0.17 J	0.14 J	0.14 J	0.076 J	0.076 J	0.2	0.084 J	0.084 J	0.16 J	0.11 J
Tin	mg/kg	-	-	-	48,000	-	0.45 J B	0.59	0.49 J	0.5	0.53 B	0.48 J B	3.9 B	0.44 J B	0.5 J B	0.67 B	0.47 J B
Zinc	mg/kg	-	-	-	24,000	79	43	53	47	44	43 B	36 B	58 B	30 B	42 B	51 B	45
Volatile Organic Compounds (VOCs)																	
1,1,1,2-Tetrachloroethane	mg/kg	-	-	38.5	2400	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,1,1-Trichloroethane	mg/kg	2	2	-	160000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,1,2,2-Tetrachloroethane	mg/kg	-	-	5	1600	-	0.0028 U	0.0024 U	0.0023 U	0.0022 U	0.0013 U	0.0011 U	0.0025 U	0.0022 U	0.0015 U	0.0021 U	0.002 U
1,1,2-Trichloroethane	mg/kg	-	-	17.5	320	-	0.0026 U	0.0022 U	0.0021 U	0.002 U	0.0012 U	0.001 U	0.0023 U	0.002 U	0.0014 U	0.0019 U	0.0019 U
1,1-Dichloroethane	mg/kg	-	-	-	16000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,1-Dichloroethene	mg/kg	-	-	-	4000	-	0.0043 U	0.0036 U	0.0035 U	0.0034 U	0.0019 U	0.0017 U	0.0038 U	0.0034 U	0.0023 U	0.0031 U	0.0031 U
1,1-Dichloropropene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,2,3-Trichlorobenzene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,2,3-Trichloropropane	mg/kg	-	-	0.03	320	-	0.0099 U	0.0085 U	0.0082 U	0.0078 U	0.0045 U	0.004 U	0.0089 U	0.0079 U	0.0054 U	0.0073 U	0.0072 U
1,2,4-Trichlorobenzene	mg/kg	-	-	34.5	800	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,2-Dibromo-3-Chloropropane	mg/kg	-	-	1.25	16	-	0.057 U	0.048 U	0.047 U	0.044 U	0.025 U	0.023 U	0.051 U	0.045 U	0.031 U	0.041 U	0.041 U
1,2-Dichlorobenzene	mg/kg	-	-	-	7200	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,2-Dichloroethane	mg/kg	-	-	11.0	1600	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0033 U	0.0028 U	0.0028 U	0.0026 U	0.0015 U	0.0013 U	0.003 U	0.0026 U	0.0018 U	0.0024 U	0.0024 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	800	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,3-Dichloropropane	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
2,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
2-Chlorotoluene	mg/kg	-	-	-	1600	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
4-Chlorotoluene	mg/kg	-	-	-	-	-	0.011 U	0.0095 U	0.0092 U	0.0087 U	0.005 U	0.0045 U	0.01 U	0.0088 U	0.006 U	0.0082 U	0.008 U
4-Isopropyltoluene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Benzene	mg/kg	0.03	0.03	18.2	320	-	0.0034 U	0.0029 U	0.0028 U	0.0027 U	0.0015 U	0.0014 U	0.0031 U	0.0027 U	0.0019 U	0.0025 U	0.0025 U
Bromobenzene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Bromoform	mg/kg	-	-	126.6	1600	-	0.0094 U	0.008 U	0.0078 U	0.0074 U	0.0042 U	0.0038 U	0.0084 U	0.0075 U	0.0051 U	0.0069 U	0.0068 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Met

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA Method A, Industrial Land Use [1]	WADOE MTCA Method A, Unrestricted Land Use [1]	WADOE MTCA Method B, Carcinogen, Standard [2]	WADOE MTCA Method B, Non-carcinogen [2]	Background Yakima Basin Soil [3]	YK-SB-14 (4-5) 10-Mar-11	YK-SB-15 (0-1) 10-Mar-11	YK-SB-15 (4-5) 10-Mar-11	YK-SB-16 (0-1) 11-Mar-11	YK-SB-16 (3-4) 11-Mar-11	YK-SB-17 (0-1) 11-Mar-11	YK-SB-17 (0-1)D 11-Mar-11	YK-SB-17 (3-4) 11-Mar-11	YK-SB-18 (0-1) 11-Mar-11	YK-SB-18 (3-4) 11-Mar-11
Metals																
Antimony	mg/kg	-	-	-	32	-	0.065 J B	0.051 J B	0.065 J B	0.057 J B	0.056 J B	0.06 J B	0.071 J B	0.068 J	0.24	0.075 J
Arsenic	mg/kg	20	20	0.7	24	5	3.2	2.7	2.8	2.8	1.7	2.5	2.8	2.2	3.3	2.2
Barium	mg/kg	-	-	-	16,000	-	140	110	130	130	160	120	120	110 B	120 B	160 B
Beryllium	mg/kg	-	-	-	160	2	0.44	0.4	0.47	0.4	0.59	0.4	0.4	0.45	0.39	0.54
Cadmium	mg/kg	2	2	-	80	1	0.069 J	0.07 J	0.073 J	0.071 J	0.073 J	0.088 J	0.091 J	0.053 J	0.65	0.069 J
Chromium	mg/kg	-	-	-	-	38	11	11	16	11	17	11	12	12	24	17
Copper	mg/kg	-	-	-	3,200	27	19	17	20	21	23	19	20	21	43	22
Lead	mg/kg	1,000	250	-	-	11	4	11	5	4.2	5.4	7.4	13	4.7	81	5.2
Mercury	mg/kg	2	2	-	-	0.05	0.011 J	0.0094 J	0.013 J	0.02	0.015	0.011 J	0.013 J	0.013 J	0.015	0.018 J
Molybdenum	mg/kg	-	-	-	400	-	0.32 J	0.33 J	0.4	0.29 J	0.34 J	0.39	0.38	0.35 J	2.2	0.44
Nickel	mg/kg	-	-	-	1,600	46	8.5	8	12	9.9	12	8.4	8.5	9.2	9.5	12
Selenium	mg/kg	-	-	-	400	-	0.77 U	0.56 U	0.5 U	0.63 U	0.57 U	0.54 U	0.47 U	0.74 U	0.53 U	0.56 U
Silver	mg/kg	-	-	-	400	-	0.13 J	0.13 J	0.14 J	0.15 J	0.15 J	0.14 J	0.12 J	0.15 J	0.14 J	0.14 J
Tin	mg/kg	-	-	-	48,000	-	0.48 J B	0.48 B	0.57 B	0.49 J B	0.63 B	0.47 B	0.62 B	0.59 J B	0.65 B	0.62 B
Zinc	mg/kg	-	-	-	24,000	79	40	45	48	39	51	43	47	41 B	59 B	47 B
Volatile Organic Compounds (VOCs)																
1,1,1,2-Tetrachloroethane	mg/kg	-	-	38.5	2400	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,1,1-Trichloroethane	mg/kg	2	2	-	160000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,1,2,2-Tetrachloroethane	mg/kg	-	-	5	1600	-	0.0025 U	0.0025 U	0.0022 U	0.0024 U	0.0023 U	0.0026 U	0.0024 U	0.003 U	0.0023 U	0.0023 U
1,1,2-Trichloroethane	mg/kg	-	-	17.5	320	-	0.0022 U	0.0023 U	0.002 U	0.0022 U	0.0021 U	0.0024 U	0.0021 U	0.0028 U	0.0021 U	0.0021 U
1,1-Dichloroethane	mg/kg	-	-	-	16000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,1-Dichloroethene	mg/kg	-	-	-	4000	-	0.0037 U	0.0038 U	0.0033 U	0.0037 U	0.0036 U	0.004 U	0.0036 U	0.0046 U	0.0034 U	0.0035 U
1,1-Dichloropropene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,2,3-Trichlorobenzene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,2,3-Trichloropropane	mg/kg	-	-	0.03	320	-	0.0087 U	0.0088 U	0.0078 U	0.0085 U	0.0083 U	0.0092 U	0.0083 U	0.011 U	0.008 U	0.0081 U
1,2,4-Trichlorobenzene	mg/kg	-	-	34.5	800	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,2-Dibromo-3-Chloropropane	mg/kg	-	-	1.25	16	-	0.049 U	0.05 U	0.044 U	0.049 U	0.047 U	0.052 U	0.047 U	0.061 U	0.045 U	0.046 U
1,2-Dichlorobenzene	mg/kg	-	-	-	7200	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,2-Dichloroethane	mg/kg	-	-	11.0	1600	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0029 U	0.003 U	0.0026 U	0.0029 U	0.0028 U	0.0031 U	0.0028 U	0.0036 U	0.0027 U	0.0027 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	800	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,3-Dichloropropane	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
2,2-Dichloropropane	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
2-Chlorotoluene	mg/kg	-	-	-	1600	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
4-Chlorotoluene	mg/kg	-	-	-	-	-	0.0097 U	0.0099 U	0.0087 U	0.0096 U	0.0093 U	0.01 U	0.0093 U	0.012 U	0.0089 U	0.0091 U
4-Isopropyltoluene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Benzene	mg/kg	0.03	0.03	18.2	320	-	0.003 U	0.003 U	0.0027 U	0.0029 U	0.0028 U	0.0032 U	0.0029 U	0.0037 U	0.0027 U	0.0028 U
Bromobenzene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Bromoform	mg/kg	-	-	126.6	1600	-	0.0082 U	0.0083 U	0.0074 U	0.0081 U	0.0078 U	0.0087 U	0.0078 U	0.01 U	0.0075 U	0.0077 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Concentration

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Method B values for this analyte)

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-MW-1 (0-1)	YK-MW-1 (4-5)	YK-MW-1 (4-5)Dup	YK-MW-2 (0-1)	YK-MW-2 (4-5)	YK-MW-3 (0-1)	YK-MW-3 (4-5)	YK-MW-31 (0-1) [4]	YK-MW-4 (0-1)	YK-MW-4 (4-5)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11
Bromomethane	mg/kg	-	-	-	112	-	0.029 U	0.033 U	0.03 U	0.025 U	0.038 U	0.029 U	0.027 U	0.027 U	0.023 U	0.026 U
Carbon tetrachloride	mg/kg	-	-	14.3	320	-	0.0041 U	0.0047 U	0.0042 U	0.0035 U	0.0054 U	0.0041 U	0.0038 U	0.0039 U	0.0034 U	0.0037 U
Chlorobenzene	mg/kg	-	-	-	1600	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Chlorobromomethane	mg/kg	-	-	-	-	-	0.0099 U	0.011 U	0.01 U	0.0085 U	0.013 U	0.0098 U	0.0092 U	0.0092 U	0.008 U	0.0089 U
Chlorodibromomethane	mg/kg	-	-	11.9	1600	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Chloroethane	mg/kg	-	-	-	-	-	0.082 U	0.095 U	0.085 U	0.071 U	0.11 U	0.082 U	0.076 U	0.077 U	0.067 U	0.074 U
Chloroform	mg/kg	-	-	-	800	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Chloromethane	mg/kg	-	-	-	-	-	0.082 U	0.095 U	0.085 U	0.071 U	0.11 U	0.082 U	0.076 U	0.077 U	0.067 U	0.074 U
cis-1,2-Dichloroethene	mg/kg	-	-	-	160	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.0033 U	0.0038 U	0.0034 U	0.0028 U	0.0043 U	0.0033 U	0.0031 U	0.0031 U	0.0027 U	0.003 U
Dibromomethane	mg/kg	-	-	-	800	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Dichlorobromomethane	mg/kg	-	-	16.1	1600	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Dichlorodifluoromethane	mg/kg	-	-	-	16000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Ethylbenzene	mg/kg	6	6	-	8000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Ethylene Dibromide	mg/kg	0.005	0.005	0.5	720	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Hexachlorobutadiene	mg/kg	-	-	12.8	80	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Isopropylbenzene	mg/kg	-	-	-	8000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Methyl tert-butyl ether	mg/kg	0.1	0.1	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Methylene Chloride	mg/kg	0.02	0.02	133.3	4800	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
m-Xylene & p-Xylene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
n-Butylbenzene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
N-Propylbenzene	mg/kg	-	-	-	8000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
o-Xylene	mg/kg	-	-	-	16000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
sec-Butylbenzene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Styrene	mg/kg	-	-	-	16000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
tert-Butylbenzene	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Tetrachloroethene	mg/kg	0.05	0.05	-	800	-	0.0041 U	0.0047 U	0.0042 U	0.0035 U	0.0054 U	0.0041 U	0.0038 U	0.0039 U	0.0034 U	0.0037 U
Toluene	mg/kg	7	7	-	6400	-	**0.13**	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Total Xylenes (Calculated)	mg/kg	9	9	-	16000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	1600	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.0033 U	0.0038 U	0.0034 U	0.0028 U	0.0043 U	0.0033 U	0.0031 U	0.0031 U	0.0027 U	0.003 U
Trichloroethene	mg/kg	0.03	0.03	-	-	-	0.0033 U	0.0038 U	0.0034 U	0.0028 U	0.0043 U	0.0033 U	0.0031 U	0.0031 U	0.0027 U	0.003 U
Trichlorofluoromethane	mg/kg	-	-	-	24000	-	0.0082 U	0.0095 U	0.0085 U	0.0071 U	0.011 U	0.0082 U	0.0076 U	0.0077 U	0.0067 U	0.0074 U
Vinyl chloride	mg/kg	-	-	-	240	-	0.0016 U	0.0019 U	0.0017 U	0.0014 U	0.0021 U	0.0016 U	0.0015 U	0.0015 U	0.0013 U	0.0015 U
Semi Volatile Organic Compounds (SVOCs)																
1-Methylnaphthalene	mg/kg	-	-	35	-	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
2,2'-oxybis[1-chloropropane]	mg/kg	-	-	14	3,200	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	8,000	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2,4,6-Trichlorophenol	mg/kg	-	-	91	80	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2,4-Dichlorophenol	mg/kg	-	-	-	240	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2,4-Dimethylphenol	mg/kg	-	-	-	1,600	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2,4-Dinitrophenol	mg/kg	-	-	-	160	-	0.25 U	0.26 U	0.27 U	0.25 U	0.29 U	0.26 U	0.29 U	0.26 U	0.24 U	0.27 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA Method A, Industrial Land Use [1]	WADOE MTCA Method A, Unrestricted Land Use [1]	WADOE MTCA Method B, Carcinogen, Standard [2]	WADOE MTCA Method B, Non-carcinogen [2]	Background Yakima Basin Soil [3]	YK-MW-5 (0-1) 11-Mar-11	YK-MW-5 (2-3) 11-Mar-11	YK-MW-6 (0-1) 11-Mar-11	YK-MW-6 (4-5) 11-Mar-11	YK-MW-6 (4-5)D 11-Mar-11	YK-MW-7 (0-1) 11-Mar-11	YK-MW-7 (4-5) 11-Mar-11	YK-SB-01 (0-1) 11-Mar-11	YK-SB-01 (4-5) 11-Mar-11	YK-SB-02 (0-1) 11-Mar-11	YK-SB-02 (3-4) 11-Mar-11
Bromomethane	mg/kg	-	-	-	112	-	0.025 U	0.022 U	0.024 U	0.022 U	0.022 U	0.023 U	0.027 U	0.026 U	0.02 U	0.022 U	0.025 U
Carbon tetrachloride	mg/kg	-	-	14.3	320	-	0.0035 U	0.0032 U	0.0035 U	0.0031 U	0.0032 U	0.0033 U	0.0039 U	0.0038 U	0.0029 U	0.0032 U	0.0036 U
Chlorobenzene	mg/kg	-	-	-	1600	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Chlorobromomethane	mg/kg	-	-	-	-	-	0.0084 U	0.0076 U	0.0083 U	0.0074 U	0.0076 U	0.008 U	0.0094 U	0.0091 U	0.0069 U	0.0077 U	0.0087 U
Chlorodibromomethane	mg/kg	-	-	11.9	1600	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Chloroethane	mg/kg	-	-	-	-	-	0.07 U	0.063 U	0.069 U	0.062 U	0.064 U	0.067 U	0.078 U	0.076 U	0.058 U	0.064 U	0.073 U
Chloroform	mg/kg	-	-	-	800	-	**0.012 J B**	**0.011 J B**	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Chloromethane	mg/kg	-	-	-	-	-	0.07 U	0.063 U	0.069 U	0.062 U	0.064 U	0.067 U	0.078 U	0.076 U	0.058 U	0.064 U	0.073 U
cis-1,2-Dichloroethene	mg/kg	-	-	-	160	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.0028 U	0.0025 U	0.0028 U	0.0025 U	0.0025 U	0.0027 U	0.0031 U	0.003 U	0.0023 U	0.0026 U	0.0029 U
Dibromomethane	mg/kg	-	-	-	800	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Dichlorobromomethane	mg/kg	-	-	16.1	1600	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Dichlorodifluoromethane	mg/kg	-	-	-	16000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Ethylbenzene	mg/kg	6	6	-	8000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Ethylene Dibromide	mg/kg	0.005	0.005	0.5	720	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Hexachlorobutadiene	mg/kg	-	-	12.8	80	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Isopropylbenzene	mg/kg	-	-	-	8000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Methyl tert-butyl ether	mg/kg	0.1	0.1	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Methylene Chloride	mg/kg	0.02	0.02	133.3	4800	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
m-Xylene & p-Xylene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
n-Butylbenzene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
N-Propylbenzene	mg/kg	-	-	-	8000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
o-Xylene	mg/kg	-	-	-	16000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
sec-Butylbenzene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Styrene	mg/kg	-	-	-	16000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
tert-Butylbenzene	mg/kg	-	-	-	-	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Tetrachloroethene	mg/kg	0.05	0.05	-	800	-	0.0035 U	0.0032 U	0.0035 U	0.0031 U	0.0032 U	0.0033 U	0.0039 U	0.0038 U	0.0029 U	0.0032 U	0.0036 U
Toluene	mg/kg	7	7	-	6400	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Total Xylenes (Calculated)	mg/kg	9	9	-	16000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	1600	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.0028 U	0.0025 U	0.0028 U	0.0025 U	0.0025 U	0.0027 U	0.0031 U	0.003 U	0.0023 U	0.0026 U	0.0029 U
Trichloroethene	mg/kg	0.03	0.03	-	-	-	0.0028 U	0.0025 U	0.0028 U	0.0025 U	0.0025 U	0.0027 U	0.0031 U	0.003 U	0.0023 U	0.0026 U	0.0029 U
Trichlorofluoromethane	mg/kg	-	-	-	24000	-	0.007 U	0.0063 U	0.0069 U	0.0062 U	0.0064 U	0.0067 U	0.0078 U	0.0076 U	0.0058 U	0.0064 U	0.0073 U
Vinyl chloride	mg/kg	-	-	-	240	-	0.0014 U	0.0013 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	0.0016 U	0.0015 U	0.0012 U	0.0013 U	0.0015 U
Semi Volatile Organic Compounds (SVOCs)																	
1-Methylnaphthalene	mg/kg	-	-	35	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.012 J**	0.006 U	0.0056 U	0.0058 U
2,2'-oxybis[1-chloropropane]	mg/kg	-	-	14	3,200	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	8,000	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2,4,6-Trichlorophenol	mg/kg	-	-	91	80	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2,4-Dichlorophenol	mg/kg	-	-	-	240	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2,4-Dimethylphenol	mg/kg	-	-	-	1,600	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2,4-Dinitrophenol	mg/kg	-	-	-	160	-	0.25 U	0.26 U	0.25 U	0.26 U	0.28 U	0.24 U	0.25 U	0.24 U	0.24 U	0.22 U	0.23 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-SB-03 (0-1)	YK-SB-03 (3-4)	YK-SB-04 (0-1)	YK-SB-04 (4-5)	YK-SB5 (0-1)	YK-SB05 (5-6)	YK-SB-06 (0-1)	YK-SB-06 (4-5)	YK-SB-07 (0-1)	YK-SB-07 (3-4)	YK-SB-08 (0-1)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	11-Mar-11	11-Mar-11	10-Mar-11
Bromomethane	mg/kg	-	-	-	112	-	0.024 U	0.028 U	0.022 U	0.021 U	0.022 U	0.027 U	0.028 U	0.024 U	0.025 U	0.028 U	0.026 U
Carbon tetrachloride	mg/kg	-	-	14.3	320	-	0.0034 U	0.0039 U	0.0032 U	0.0029 U	0.0031 U	0.0039 U	0.004 U	0.0035 U	0.0035 U	0.004 U	0.0037 U
Chlorobenzene	mg/kg	-	-	-	1600	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Chlorobromomethane	mg/kg	-	-	-	-	-	0.0082 U	0.0095 U	0.0077 U	0.0071 U	0.0074 U	0.0093 U	0.0096 U	0.0084 U	0.0085 U	0.0095 U	0.009 U
Chlorodibromomethane	mg/kg	-	-	11.9	1600	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Chloroethane	mg/kg	-	-	-	-	-	0.068 U	0.079 U	0.064 U	0.059 U	0.062 U	0.078 U	0.08 U	0.07 U	0.071 U	0.079 U	0.075 U
Chloroform	mg/kg	-	-	-	800	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Chloromethane	mg/kg	-	-	-	-	-	0.068 U	0.079 U	0.064 U	0.059 U	0.062 U	0.078 U	0.08 U	0.07 U	0.071 U	0.079 U	0.075 U
cis-1,2-Dichloroethene	mg/kg	-	-	-	160	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.0027 U	0.0032 U	0.0026 U	0.0024 U	0.0025 U	0.0031 U	0.0032 U	0.0028 U	0.0028 U	0.0032 U	0.003 U
Dibromomethane	mg/kg	-	-	-	800	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Dichlorobromomethane	mg/kg	-	-	16.1	1600	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Dichlorodifluoromethane	mg/kg	-	-	-	16000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Ethylbenzene	mg/kg	6	6	-	8000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Ethylene Dibromide	mg/kg	0.005	0.005	0.5	720	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Hexachlorobutadiene	mg/kg	-	-	12.8	80	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Isopropylbenzene	mg/kg	-	-	-	8000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Methyl tert-butyl ether	mg/kg	0.1	0.1	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Methylene Chloride	mg/kg	0.02	0.02	133.3	4800	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
m-Xylene & p-Xylene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
n-Butylbenzene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
N-Propylbenzene	mg/kg	-	-	-	8000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
o-Xylene	mg/kg	-	-	-	16000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
sec-Butylbenzene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Styrene	mg/kg	-	-	-	16000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
tert-Butylbenzene	mg/kg	-	-	-	-	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Tetrachloroethene	mg/kg	0.05	0.05	-	800	-	0.0034 U	**0.0052 J B**	0.0032 U	0.0029 U	0.0031 U	0.0039 U	0.004 U	0.0035 U	0.0035 U	0.004 U	0.0037 U
Toluene	mg/kg	7	7	-	6400	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Total Xylenes (Calculated)	mg/kg	9	9	-	16000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	1600	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.0027 U	0.0032 U	0.0026 U	0.0024 U	0.0025 U	0.0031 U	0.0032 U	0.0028 U	0.0028 U	0.0032 U	0.003 U
Trichloroethene	mg/kg	0.03	0.03	-	-	-	0.0027 U	0.0032 U	0.0026 U	0.0024 U	0.0025 U	0.0031 U	0.0032 U	0.0028 U	0.0028 U	0.0032 U	0.003 U
Trichlorofluoromethane	mg/kg	-	-	-	24000	-	0.0068 U	0.0079 U	0.0064 U	0.0059 U	0.0062 U	0.0078 U	0.008 U	0.007 U	0.0071 U	0.0079 U	0.0075 U
Vinyl chloride	mg/kg	-	-	-	240	-	0.0014 U	0.0016 U	0.0013 U	0.0012 U	0.0012 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U	0.0016 U	0.0015 U
Semi Volatile Organic Compounds (SVOCs)																	
1-Methylnaphthalene	mg/kg	-	-	35	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
2,2'-oxybis[1-chloropropane]	mg/kg	-	-	14	3,200	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	8,000	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2,4,6-Trichlorophenol	mg/kg	-	-	91	80	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2,4-Dichlorophenol	mg/kg	-	-	-	240	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2,4-Dimethylphenol	mg/kg	-	-	-	1,600	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2,4-Dinitrophenol	mg/kg	-	-	-	160	-	0.23 U	0.25 U	0.24 U	0.25 U	0.24 U	0.27 U	0.24 U	0.26 U	0.26 U	0.26 U	0.25 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-SB-08 (4-5)	YK-SB-09 (0-1)	YK-SB-09 (0-1)D	YK-SB-09 (4-5)	YK-SB-10 (0-1)	YK-SB-11 (0-1)	YK-SB-11 (3-4)	YK-SB-12 (0-1)	YK-SB-13 (0-1)	YK-SB-13 (7-8)	YK-SB-14 (0-1)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	10-Mar-11
Bromomethane	mg/kg	-	-	-	112	-	0.03 U	0.025 U	0.025 U	0.023 U	0.013 U	0.012 U	0.027 U	0.024 U	0.016 U	0.022 U	0.022 U
Carbon tetrachloride	mg/kg	-	-	14.3	320	-	0.0043 U	0.0036 U	0.0035 U	0.0034 U	0.0019 U	0.0017 U	0.0038 U	0.0034 U	0.0023 U	0.0031 U	0.0031 U
Chlorobenzene	mg/kg	-	-	-	1600	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Chlorobromomethane	mg/kg	-	-	-	-	-	0.01 U	0.0087 U	0.0085 U	0.008 U	0.0046 U	0.0041 U	0.0092 U	0.0081 U	0.0056 U	0.0075 U	0.0074 U
Chlorodibromomethane	mg/kg	-	-	11.9	1600	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Chloroethane	mg/kg	-	-	-	-	-	0.086 U	0.073 U	0.071 U	0.067 U	0.038 U	0.034 U	0.077 U	0.068 U	0.046 U	0.063 U	0.062 U
Chloroform	mg/kg	-	-	-	800	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Chloromethane	mg/kg	-	-	-	-	-	0.086 U	0.073 U	0.071 U	0.067 U	0.038 U	0.034 U	0.077 U	0.068 U	0.046 U	0.063 U	0.062 U
cis-1,2-Dichloroethene	mg/kg	-	-	-	160	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.0034 U	0.0029 U	0.0028 U	0.0027 U	0.0015 U	0.0014 U	0.0031 U	0.0027 U	0.0019 U	0.0025 U	0.0025 U
Dibromomethane	mg/kg	-	-	-	800	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Dichlorobromomethane	mg/kg	-	-	16.1	1600	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Dichlorodifluoromethane	mg/kg	-	-	-	16000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Ethylbenzene	mg/kg	6	6	-	8000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Ethylene Dibromide	mg/kg	0.005	0.005	0.5	720	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Hexachlorobutadiene	mg/kg	-	-	12.8	80	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Isopropylbenzene	mg/kg	-	-	-	8000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Methyl tert-butyl ether	mg/kg	0.1	0.1	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Methylene Chloride	mg/kg	0.02	0.02	133.3	4800	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	**0.041**	**0.046**	0.0068 U	0.0046 U	0.0063 U	0.0062 U
m-Xylene & p-Xylene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
n-Butylbenzene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
N-Propylbenzene	mg/kg	-	-	-	8000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
o-Xylene	mg/kg	-	-	-	16000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
sec-Butylbenzene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Styrene	mg/kg	-	-	-	16000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
tert-Butylbenzene	mg/kg	-	-	-	-	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Tetrachloroethene	mg/kg	0.05	0.05	-	800	-	0.0043 U	0.0036 U	0.0035 U	0.0034 U	0.0019 U	0.0017 U	0.0038 U	**0.0085 J B**	0.0023 U	0.0031 U	0.0031 U
Toluene	mg/kg	7	7	-	6400	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Total Xylenes (Calculated)	mg/kg	9	9	-	16000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	1600	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	**0.0063 J**	**0.008 J**	0.0068 U	0.0046 U	0.0063 U	0.0062 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.0034 U	0.0029 U	0.0028 U	0.0027 U	0.0015 U	0.0014 U	0.0031 U	0.0027 U	0.0019 U	0.0025 U	0.0025 U
Trichloroethene	mg/kg	0.03	0.03	-	-	-	0.0034 U	0.0029 U	0.0028 U	0.0027 U	**0.0081**	**0.011**	**0.016**	**0.0027 J**	0.0019 U	0.0025 U	0.0025 U
Trichlorofluoromethane	mg/kg	-	-	-	24000	-	0.0086 U	0.0073 U	0.0071 U	0.0067 U	0.0038 U	0.0034 U	0.0077 U	0.0068 U	0.0046 U	0.0063 U	0.0062 U
Vinyl chloride	mg/kg	-	-	-	240	-	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.00077 U	0.00068 U	0.0015 U	0.0014 U	0.00093 U	0.0013 U	0.0012 U
Semi Volatile Organic Compounds (SVOCs)																	
1-Methylnaphthalene	mg/kg	-	-	35	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	**0.0095 J**	**0.014 J**	0.0062 U	0.0063 U
2,2'-oxybis[1-chloropropane]	mg/kg	-	-	14	3,200	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	8,000	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2,4,6-Trichlorophenol	mg/kg	-	-	91	80	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2,4-Dichlorophenol	mg/kg	-	-	-	240	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2,4-Dimethylphenol	mg/kg	-	-	-	1,600	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2,4-Dinitrophenol	mg/kg	-	-	-	160	-	0.25 U	0.24 U	0.25 U	0.25 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.25 U	0.25 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Met

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-SB-14 (4-5)	YK-SB-15 (0-1)	YK-SB-15 (4-5)	YK-SB-16 (0-1)	YK-SB-16 (3-4)	YK-SB-17 (0-1)	YK-SB-17 (0-1)D	YK-SB-17 (3-4)	YK-SB-18 (0-1)	YK-SB-18 (3-4)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	10-Mar-11	10-Mar-11	10-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11
Bromomethane	mg/kg	-	-	-	112	-	0.026 U	0.027 U	0.023 U	0.026 U	0.025 U	0.028 U	0.025 U	0.032 U	0.024 U	0.024 U
Carbon tetrachloride	mg/kg	-	-	14.3	320	-	0.0037 U	0.0038 U	0.0033 U	0.0037 U	0.0036 U	0.004 U	0.0036 U	0.0046 U	0.0034 U	0.0035 U
Chlorobenzene	mg/kg	-	-	-	1600	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	**0.018 J * ^**	**0.011 J ***	0.007 U
Chlorobromomethane	mg/kg	-	-	-	-	-	0.009 U	0.0091 U	0.008 U	0.0088 U	0.0085 U	0.0095 U	0.0086 U	0.011 U	0.0082 U	0.0084 U
Chlorodibromomethane	mg/kg	-	-	11.9	1600	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Chloroethane	mg/kg	-	-	-	-	-	0.075 U	0.076 U	0.067 U	0.074 U	0.071 U	0.08 U	0.071 U	0.092 U	0.069 U	0.07 U
Chloroform	mg/kg	-	-	-	800	-	0.0075 U	0.0076 U	0.0067 U	**0.011 J B**	**0.011 J B**	**0.014 J B**	**0.013 J B**	0.0092 U	0.0069 U	0.007 U
Chloromethane	mg/kg	-	-	-	-	-	0.075 U	0.076 U	0.067 U	0.074 U	0.071 U	0.08 U	0.071 U	0.092 U	0.069 U	0.07 U
cis-1,2-Dichloroethene	mg/kg	-	-	-	160	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.003 U	0.003 U	0.0027 U	0.0029 U	0.0028 U	0.0032 U	0.0029 U	0.0037 U	0.0027 U	0.0028 U
Dibromomethane	mg/kg	-	-	-	800	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Dichlorobromomethane	mg/kg	-	-	16.1	1600	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Dichlorodifluoromethane	mg/kg	-	-	-	16000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Ethylbenzene	mg/kg	6	6	-	8000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Ethylene Dibromide	mg/kg	0.005	0.005	0.5	720	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Hexachlorobutadiene	mg/kg	-	-	12.8	80	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Isopropylbenzene	mg/kg	-	-	-	8000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Methyl tert-butyl ether	mg/kg	0.1	0.1	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Methylene Chloride	mg/kg	0.02	0.02	133.3	4800	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
m-Xylene & p-Xylene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
n-Butylbenzene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
N-Propylbenzene	mg/kg	-	-	-	8000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
o-Xylene	mg/kg	-	-	-	16000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
sec-Butylbenzene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Styrene	mg/kg	-	-	-	16000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
tert-Butylbenzene	mg/kg	-	-	-	-	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Tetrachloroethene	mg/kg	0.05	0.05	-	800	-	**0.0054 J B**	0.0038 U	0.0033 U	0.0037 U	0.0036 U	0.004 U	0.0036 U	0.0046 U	0.0034 U	0.0035 U
Toluene	mg/kg	7	7	-	6400	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Total Xylenes (Calculated)	mg/kg	9	9	-	16000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	1600	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.003 U	0.003 U	0.0027 U	0.0029 U	0.0028 U	0.0032 U	0.0029 U	0.0037 U	0.0027 U	0.0028 U
Trichloroethene	mg/kg	0.03	0.03	-	-	-	0.003 U	0.003 U	0.0027 U	0.0029 U	0.0028 U	0.0032 U	0.0029 U	0.0037 U	0.0027 U	0.0028 U
Trichlorofluoromethane	mg/kg	-	-	-	24000	-	0.0075 U	0.0076 U	0.0067 U	0.0074 U	0.0071 U	0.008 U	0.0071 U	0.0092 U	0.0069 U	0.007 U
Vinyl chloride	mg/kg	-	-	-	240	-	0.0015 U	0.0015 U	0.0013 U	0.0015 U	0.0014 U	0.0016 U	0.0014 U	0.0018 U	0.0014 U	0.0014 U
Semi Volatile Organic Compounds (SVOCs)																
1-Methylnaphthalene	mg/kg	-	-	35	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
2,2'-oxybis[1-chloropropane]	mg/kg	-	-	14	3,200	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	8,000	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2,4,6-Trichlorophenol	mg/kg	-	-	91	80	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2,4-Dichlorophenol	mg/kg	-	-	-	240	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2,4-Dimethylphenol	mg/kg	-	-	-	1,600	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2,4-Dinitrophenol	mg/kg	-	-	-	160	-	0.29 U	0.24 U	0.25 U	0.27 U	0.25 U	0.25 U	0.25 U	0.28 U	0.25 U	0.25 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Concentration

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Method B values for this analyte)

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-MW-1 (0-1)	YK-MW-1 (4-5)	YK-MW-1 (4-5)Dup	YK-MW-2 (0-1)	YK-MW-2 (4-5)	YK-MW-3 (0-1)	YK-MW-3 (4-5)	YK-MW-31 (0-1) [4]	YK-MW-4 (0-1)	YK-MW-4 (4-5)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11
2,4-Dinitrotoluene	mg/kg	-	-	-	160	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2,6-Dinitrotoluene	mg/kg	-	-	-	80	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2-Chloronaphthalene	mg/kg	-	-	-	6,400	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
2-Chlorophenol	mg/kg	-	-	-	400	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2-Methylnaphthalene	mg/kg	-	-	-	320	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	**0.0077 J**	0.0067 U
2-Methylphenol	mg/kg	-	-	-	4,000	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2-Nitroaniline	mg/kg	-	-	-	800	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
2-Nitrophenol	mg/kg	-	-	-	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
3 & 4 Methylphenol	mg/kg	-	-	-	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
3,3'-Dichlorobenzidine	mg/kg	-	-	2	-	-	0.037 U	0.039 U	0.041 U	0.037 U	0.043 U	0.039 U	0.043 U	0.038 U	0.037 U	0.04 U
3-Nitroaniline	mg/kg	-	-	-	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	0.12 U	0.13 U	0.14 U	0.12 U	0.14 U	0.13 U	0.14 U	0.13 U	0.12 U	0.13 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
4-Chloroaniline	mg/kg	-	-	5	320	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
4-Nitroaniline	mg/kg	-	-	-	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
4-Nitrophenol	mg/kg	-	-	-	-	-	0.31 U	0.33 U	0.34 U	0.31 U	0.36 U	0.32 U	0.36 U	0.32 U	0.31 U	0.33 U
Acenaphthene	mg/kg	-	-	-	4,800	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Acenaphthylene	mg/kg	-	-	-	-	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Anthracene	mg/kg	-	-	-	24,000	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Benzo[a]anthracene	mg/kg	-	-	1	-	-	**0.025 J**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Benzo[a]pyrene	mg/kg	2	0.1	0.1370	-	-	**0.018 J**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Benzo[b]fluoranthene	mg/kg	-	-	1	-	-	**0.02 J**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Benzo[g,h,i]perylene	mg/kg	-	-	-	-	-	**0.01 J**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Benzo[k]fluoranthene	mg/kg	-	-	14	-	-	**0.0098 J**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Benzoic acid	mg/kg	-	-	-	320,000	-	0.92 U	0.99 U	1 U	0.93 U	1.1 U	0.97 U	1.1 U	0.96 U	0.92 U	1 U
Benzyl alcohol	mg/kg	-	-	-	8,000	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
Bis(2-chloroethoxy)methane	mg/kg	-	-	-	-	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Bis(2-chloroethyl)ether	mg/kg	-	-	1	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
Bis(2-ethylhexyl) phthalate	mg/kg	-	-	71	1,600	-	0.062 U	0.066 U	0.068 U	0.062 U	0.071 U	0.065 U	0.072 U	0.064 U	0.061 U	0.067 U
Butyl benzyl phthalate	mg/kg	-	-	526	16,000	-	0.062 U	0.066 U	0.068 U	0.062 U	0.071 U	0.065 U	0.072 U	0.064 U	0.061 U	0.067 U
Carbazole	mg/kg	-	-	-	-	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Chrysene	mg/kg	-	-	137	-	-	**0.023 J**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Dibenz(a,h)anthracene	mg/kg	-	-	0.137	-	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Dibenzofuran	mg/kg	-	-	-	80	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Diethyl phthalate	mg/kg	-	-	-	64,000	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
Dimethyl phthalate	mg/kg	-	-	-	-	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Di-n-butyl phthalate	mg/kg	-	-	-	8,000	-	0.062 U	0.066 U	0.068 U	0.062 U	0.071 U	0.065 U	0.072 U	0.064 U	0.061 U	0.067 U
Di-n-octyl phthalate	mg/kg	-	-	-	-	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-MW-5 (0-1)	YK-MW-5 (2-3)	YK-MW-6 (0-1)	YK-MW-6 (4-5)	YK-MW-6 (4-5)D	YK-MW-7 (0-1)	YK-MW-7 (4-5)	YK-SB-01 (0-1)	YK-SB-01 (4-5)	YK-SB-02 (0-1)	YK-SB-02 (3-4)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11
2,4-Dinitrotoluene	mg/kg	-	-	-	160	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2,6-Dinitrotoluene	mg/kg	-	-	-	80	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2-Chloronaphthalene	mg/kg	-	-	-	6,400	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
2-Chlorophenol	mg/kg	-	-	-	400	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2-Methylnaphthalene	mg/kg	-	-	-	320	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.0092 J**	0.006 U	0.0056 U	0.0058 U
2-Methylphenol	mg/kg	-	-	-	4,000	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2-Nitroaniline	mg/kg	-	-	-	800	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
2-Nitrophenol	mg/kg	-	-	-	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
3 & 4 Methylphenol	mg/kg	-	-	-	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
3,3'-Dichlorobenzidine	mg/kg	-	-	2	-	-	0.037 U	0.039 U	0.037 U	0.039 U	0.042 U	0.036 U	0.038 U	0.036 U	0.036 U	0.034 U	0.035 U
3-Nitroaniline	mg/kg	-	-	-	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	0.12 U	0.13 U	0.12 U	0.13 U	0.14 U	0.12 U	0.13 U	0.12 U	0.12 U	0.11 U	0.12 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
4-Chloroaniline	mg/kg	-	-	5	320	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
4-Nitroaniline	mg/kg	-	-	-	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
4-Nitrophenol	mg/kg	-	-	-	-	-	0.31 U	0.32 U	0.31 U	0.32 U	0.35 U	0.3 U	0.32 U	0.3 U	0.3 U	0.28 U	0.29 U
Acenaphthene	mg/kg	-	-	-	4,800	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Acenaphthylene	mg/kg	-	-	-	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Anthracene	mg/kg	-	-	-	24,000	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Benzo[a]anthracene	mg/kg	-	-	1	-	-	0.0062 U	0.0064 U	**0.0079 J**	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.016 J**	0.006 U	0.0056 U	0.0058 U
Benzo[a]pyrene	mg/kg	2	0.1	0.1370	-	-	0.0062 U	0.0064 U	**0.0069 J**	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.018 J**	0.006 U	0.0056 U	0.0058 U
Benzo[b]fluoranthene	mg/kg	-	-	1	-	-	0.0062 U	0.0064 U	**0.011 J**	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Benzo[g,h,i]perylene	mg/kg	-	-	-	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.014 J**	0.006 U	0.0056 U	0.0058 U
Benzo[k]fluoranthene	mg/kg	-	-	14	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Benzoic acid	mg/kg	-	-	-	320,000	-	0.92 U	0.96 U	0.93 U	0.97 U	1.1 U	0.9 U	0.95 U	0.91 U	0.91 U	0.84 U	0.88 U
Benzyl alcohol	mg/kg	-	-	-	8,000	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
Bis(2-chloroethoxy)methane	mg/kg	-	-	-	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Bis(2-chloroethyl)ether	mg/kg	-	-	1	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
Bis(2-ethylhexyl) phthalate	mg/kg	-	-	71	1,600	-	0.062 U	0.064 U	0.062 U	0.065 U	0.071 U	0.06 U	0.063 U	0.061 U	0.06 U	0.056 U	0.058 U
Butyl benzyl phthalate	mg/kg	-	-	526	16,000	-	0.062 U	0.064 U	0.062 U	0.065 U	0.071 U	0.06 U	0.063 U	0.061 U	0.06 U	0.056 U	0.058 U
Carbazole	mg/kg	-	-	-	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Chrysene	mg/kg	-	-	137	-	-	0.0062 U	0.0064 U	**0.0084 J**	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.042**	0.006 U	0.0056 U	0.0058 U
Dibenz(a,h)anthracene	mg/kg	-	-	0.137	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Dibenzofuran	mg/kg	-	-	-	80	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Diethyl phthalate	mg/kg	-	-	-	64,000	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
Dimethyl phthalate	mg/kg	-	-	-	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Di-n-butyl phthalate	mg/kg	-	-	-	8,000	-	0.062 U	0.064 U	0.062 U	0.065 U	0.071 U	0.06 U	0.063 U	0.061 U	0.06 U	0.056 U	0.058 U
Di-n-octyl phthalate	mg/kg	-	-	-	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-SB-03 (0-1)	YK-SB-03 (3-4)	YK-SB-04 (0-1)	YK-SB-04 (4-5)	YK-SB5 (0-1)	YK-SB05 (5-6)	YK-SB-06 (0-1)	YK-SB-06 (4-5)	YK-SB-07 (0-1)	YK-SB-07 (3-4)	YK-SB-08 (0-1)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	11-Mar-11	11-Mar-11	10-Mar-11
2,4-Dinitrotoluene	mg/kg	-	-	-	160	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2,6-Dinitrotoluene	mg/kg	-	-	-	80	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2-Chloronaphthalene	mg/kg	-	-	-	6,400	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
2-Chlorophenol	mg/kg	-	-	-	400	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2-Methylnaphthalene	mg/kg	-	-	-	320	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
2-Methylphenol	mg/kg	-	-	-	4,000	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2-Nitroaniline	mg/kg	-	-	-	800	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
2-Nitrophenol	mg/kg	-	-	-	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
3 & 4 Methylphenol	mg/kg	-	-	-	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
3,3'-Dichlorobenzidine	mg/kg	-	-	2	-	-	0.035 U	0.037 U	0.037 U	0.038 U	0.037 U	0.04 U	0.036 U	0.038 U	0.039 U	0.039 U	0.038 U
3-Nitroaniline	mg/kg	-	-	-	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	0.12 U	0.12 U	0.12 U	0.13 U	0.12 U	0.13 U	0.12 U	0.13 U	0.13 U	0.13 U	0.13 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
4-Chloroaniline	mg/kg	-	-	5	320	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
4-Nitroaniline	mg/kg	-	-	-	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
4-Nitrophenol	mg/kg	-	-	-	-	-	0.29 U	0.31 U	0.31 U	0.32 U	0.31 U	0.33 U	0.3 U	0.32 U	0.33 U	0.33 U	0.31 U
Acenaphthene	mg/kg	-	-	-	4,800	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Acenaphthylene	mg/kg	-	-	-	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Anthracene	mg/kg	-	-	-	24,000	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Benzo[a]anthracene	mg/kg	-	-	1	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	**0.011 J**	0.0065 U	0.0063 U
Benzo[a]pyrene	mg/kg	2	0.1	0.1370	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	**0.013 J**	0.0065 U	0.0063 U
Benzo[b]fluoranthene	mg/kg	-	-	1	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	**0.02 J**	0.0065 U	0.0063 U
Benzo[g,h,i]perylene	mg/kg	-	-	-	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	**0.011 J**	0.0065 U	0.0063 U
Benzo[k]fluoranthene	mg/kg	-	-	14	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	**0.0094 J**	0.0065 U	0.0063 U
Benzoic acid	mg/kg	-	-	-	320,000	-	0.87 U	0.93 U	0.92 U	0.95 U	0.92 U	1 U	0.91 U	0.96 U	0.98 U	0.98 U	0.94 U
Benzyl alcohol	mg/kg	-	-	-	8,000	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
Bis(2-chloroethoxy)methane	mg/kg	-	-	-	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Bis(2-chloroethyl)ether	mg/kg	-	-	1	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
Bis(2-ethylhexyl) phthalate	mg/kg	-	-	71	1,600	-	0.058 U	0.062 U	0.061 U	0.063 U	0.061 U	0.067 U	0.061 U	0.064 U	0.065 U	0.065 U	0.063 U
Butyl benzyl phthalate	mg/kg	-	-	526	16,000	-	0.058 U	0.062 U	0.061 U	0.063 U	0.061 U	0.067 U	0.061 U	0.064 U	0.065 U	0.065 U	0.063 U
Carbazole	mg/kg	-	-	-	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Chrysene	mg/kg	-	-	137	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	**0.01 J**	0.0065 U	0.0063 U
Dibenz(a,h)anthracene	mg/kg	-	-	0.137	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Dibenzofuran	mg/kg	-	-	-	80	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Diethyl phthalate	mg/kg	-	-	-	64,000	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	**0.02 J B**
Dimethyl phthalate	mg/kg	-	-	-	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Di-n-butyl phthalate	mg/kg	-	-	-	8,000	-	0.058 U	0.062 U	0.061 U	0.063 U	0.061 U	0.067 U	0.061 U	0.064 U	0.065 U	0.065 U	0.063 U
Di-n-octyl phthalate	mg/kg	-	-	-	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA Method A, Industrial Land Use [1]	WADOE MTCA Method A, Unrestricted Land Use [1]	WADOE MTCA Method B, Carcinogen, Standard [2]	WADOE MTCA Method B, Non-carcinogen [2]	Background Yakima Basin Soil [3]	YK-SB-08 (4-5) 10-Mar-11	YK-SB-09 (0-1) 10-Mar-11	YK-SB-09 (0-1)D 10-Mar-11	YK-SB-09 (4-5) 10-Mar-11	YK-SB-10 (0-1) 11-Mar-11	YK-SB-11 (0-1) 11-Mar-11	YK-SB-11 (3-4) 11-Mar-11	YK-SB-12 (0-1) 11-Mar-11	YK-SB-13 (0-1) 11-Mar-11	YK-SB-13 (7-8) 11-Mar-11	YK-SB-14 (0-1) 10-Mar-11
2,4-Dinitrotoluene	mg/kg	-	-	-	160	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2,6-Dinitrotoluene	mg/kg	-	-	-	80	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2-Chloronaphthalene	mg/kg	-	-	-	6,400	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
2-Chlorophenol	mg/kg	-	-	-	400	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2-Methylnaphthalene	mg/kg	-	-	-	320	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	**0.0079 J**	**0.023**	0.0062 U	0.0063 U
2-Methylphenol	mg/kg	-	-	-	4,000	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2-Nitroaniline	mg/kg	-	-	-	800	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
2-Nitrophenol	mg/kg	-	-	-	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
3 & 4 Methylphenol	mg/kg	-	-	-	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
3,3'-Dichlorobenzidine	mg/kg	-	-	2	-	-	0.038 U	0.036 U	0.037 U	0.037 U	0.031 U	0.031 U	0.031 U	0.032 U	0.031 U	0.037 U	0.038 U
3-Nitroaniline	mg/kg	-	-	-	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	0.13 U	0.12 U	0.12 U	0.12 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.12 U	0.13 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
4-Chloroaniline	mg/kg	-	-	5	320	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
4-Nitroaniline	mg/kg	-	-	-	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
4-Nitrophenol	mg/kg	-	-	-	-	-	0.32 U	0.3 U	0.31 U	0.31 U	0.25 U	0.26 U	0.26 U	0.26 U	0.26 U	0.31 U	0.32 U
Acenaphthene	mg/kg	-	-	-	4,800	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Acenaphthylene	mg/kg	-	-	-	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Anthracene	mg/kg	-	-	-	24,000	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Benzo[a]anthracene	mg/kg	-	-	1	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Benzo[a]pyrene	mg/kg	2	0.1	0.1370	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Benzo[b]fluoranthene	mg/kg	-	-	1	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Benzo[g,h,i]perylene	mg/kg	-	-	-	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	**0.016 J**	0.0062 U	0.0063 U
Benzo[k]fluoranthene	mg/kg	-	-	14	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Benzoic acid	mg/kg	-	-	-	320,000	-	0.95 U	0.9 U	0.92 U	0.92 U	0.76 U	0.77 U	0.77 U	0.79 U	0.79 U	0.94 U	0.95 U
Benzyl alcohol	mg/kg	-	-	-	8,000	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
Bis(2-chloroethoxy)methane	mg/kg	-	-	-	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Bis(2-chloroethyl)ether	mg/kg	-	-	1	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
Bis(2-ethylhexyl) phthalate	mg/kg	-	-	71	1,600	-	0.063 U	0.06 U	0.061 U	0.061 U	0.051 U	0.051 U	0.051 U	0.053 U	0.052 U	0.062 U	0.063 U
Butyl benzyl phthalate	mg/kg	-	-	526	16,000	-	0.063 U	0.06 U	0.061 U	0.061 U	0.051 U	0.051 U	0.051 U	0.053 U	0.052 U	0.062 U	0.063 U
Carbazole	mg/kg	-	-	-	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Chrysene	mg/kg	-	-	137	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Dibenz(a,h)anthracene	mg/kg	-	-	0.137	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Dibenzofuran	mg/kg	-	-	-	80	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Diethyl phthalate	mg/kg	-	-	-	64,000	-	**0.025 J B**	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	**0.057 J B**
Dimethyl phthalate	mg/kg	-	-	-	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Di-n-butyl phthalate	mg/kg	-	-	-	8,000	-	0.063 U	0.06 U	0.061 U	0.061 U	0.051 U	0.051 U	0.051 U	0.053 U	0.052 U	0.062 U	0.063 U
Di-n-octyl phthalate	mg/kg	-	-	-	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Met

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-SB-14 (4-5)	YK-SB-15 (0-1)	YK-SB-15 (4-5)	YK-SB-16 (0-1)	YK-SB-16 (3-4)	YK-SB-17 (0-1)	YK-SB-17 (0-1)D	YK-SB-17 (3-4)	YK-SB-18 (0-1)	YK-SB-18 (3-4)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	10-Mar-11	10-Mar-11	10-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11
2,4-Dinitrotoluene	mg/kg	-	-	-	160	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2,6-Dinitrotoluene	mg/kg	-	-	-	80	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2-Chloronaphthalene	mg/kg	-	-	-	6,400	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
2-Chlorophenol	mg/kg	-	-	-	400	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2-Methylnaphthalene	mg/kg	-	-	-	320	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
2-Methylphenol	mg/kg	-	-	-	4,000	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2-Nitroaniline	mg/kg	-	-	-	800	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
2-Nitrophenol	mg/kg	-	-	-	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
3 & 4 Methylphenol	mg/kg	-	-	-	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
3,3'-Dichlorobenzidine	mg/kg	-	-	2	-	-	0.044 U	0.037 U	0.037 U	0.04 U	0.037 U	0.038 U	0.037 U	0.042 U	0.037 U	0.038 U
3-Nitroaniline	mg/kg	-	-	-	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	0.15 U	0.12 U	0.12 U	0.13 U	0.12 U	0.13 U	0.12 U	0.14 U	0.12 U	0.13 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
4-Chloroaniline	mg/kg	-	-	5	320	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
4-Nitroaniline	mg/kg	-	-	-	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
4-Nitrophenol	mg/kg	-	-	-	-	-	0.37 U	0.31 U	0.31 U	0.34 U	0.31 U	0.32 U	0.31 U	0.35 U	0.31 U	0.32 U
Acenaphthene	mg/kg	-	-	-	4,800	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Acenaphthylene	mg/kg	-	-	-	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Anthracene	mg/kg	-	-	-	24,000	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Benzo[a]anthracene	mg/kg	-	-	1	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Benzo[a]pyrene	mg/kg	2	0.1	0.1370	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Benzo[b]fluoranthene	mg/kg	-	-	1	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Benzo[g,h,i]perylene	mg/kg	-	-	-	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Benzo[k]fluoranthene	mg/kg	-	-	14	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Benzoic acid	mg/kg	-	-	-	320,000	-	1.1 U	0.92 U	0.94 U	1 U	0.93 U	0.95 U	0.92 U	1.1 U	0.92 U	0.95 U
Benzyl alcohol	mg/kg	-	-	-	8,000	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
Bis(2-chloroethoxy)methane	mg/kg	-	-	-	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Bis(2-chloroethyl)ether	mg/kg	-	-	1	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
Bis(2-ethylhexyl) phthalate	mg/kg	-	-	71	1,600	-	0.073 U	0.061 U	0.062 U	0.067 U	0.062 U	0.063 U	0.062 U	0.071 U	0.061 U	0.063 U
Butyl benzyl phthalate	mg/kg	-	-	526	16,000	-	0.073 U	0.061 U	0.062 U	0.067 U	0.062 U	0.063 U	0.062 U	0.071 U	0.061 U	0.063 U
Carbazole	mg/kg	-	-	-	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Chrysene	mg/kg	-	-	137	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Dibenz(a,h)anthracene	mg/kg	-	-	0.137	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Dibenzofuran	mg/kg	-	-	-	80	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Diethyl phthalate	mg/kg	-	-	-	64,000	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
Dimethyl phthalate	mg/kg	-	-	-	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Di-n-butyl phthalate	mg/kg	-	-	-	8,000	-	0.073 U	0.061 U	0.062 U	0.067 U	0.062 U	0.063 U	0.062 U	0.071 U	0.061 U	0.063 U
Di-n-octyl phthalate	mg/kg	-	-	-	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Concentration

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Method B values for this analyte)

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-MW-1 (0-1)	YK-MW-1 (4-5)	YK-MW-1 (4-5)Dup	YK-MW-2 (0-1)	YK-MW-2 (4-5)	YK-MW-3 (0-1)	YK-MW-3 (4-5)	YK-MW-31 (0-1) [4]	YK-MW-4 (0-1)	YK-MW-4 (4-5)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11
Fluoranthene	mg/kg	-	-	-	3,200	-	**0.034**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Fluorene	mg/kg	-	-	-	3,200	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Hexachlorobenzene	mg/kg	-	-	0.625	64	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	480	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Hexachloroethane	mg/kg	-	-	71	80	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
Indeno[1,2,3-cd]pyrene	mg/kg	-	-	1	-	-	**0.0081 J**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Isophorone	mg/kg	-	-	1,053	16,000	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Naphthalene	mg/kg	5	5	-	1,600	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Nitrobenzene	mg/kg	-	-	-	160	-	0.042 U	0.045 U	0.047 U	0.042 U	0.049 U	0.044 U	0.049 U	0.043 U	0.042 U	0.045 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	0.143	-	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
N-Nitrosodiphenylamine	mg/kg	-	-	204	-	-	0.0062 U	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Pentachlorophenol	mg/kg	-	-	3	400	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	0.018 U	0.02 U
Phenanthrene	mg/kg	-	-	-	-	-	**0.024 J**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Phenol	mg/kg	-	-	-	24,000	-	0.018 U	0.02 U	0.021 U	0.019 U	0.021 U	0.019 U	0.022 U	0.019 U	**0.069 J**	0.02 U
Pyrene	mg/kg	-	-	-	2,400	-	**0.043**	0.0066 U	0.0068 U	0.0062 U	0.0071 U	0.0065 U	0.0072 U	0.0064 U	0.0061 U	0.0067 U
Polychlorinated Biphenyls (PCBs)																
PCB-1016	mg/kg	-	-	14.3	5.6	-	0.004 U	0.0044 U	0.0045 U	0.0042 U	0.0046 U	0.0044 U	0.0048 U	0.0039 U	0.0039 U	0.0046 U
PCB-1221	mg/kg	-	-	-	-	-	0.0099 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.012 U	0.0098 U	0.0097 U	0.012 U
PCB-1232	mg/kg	-	-	-	-	-	0.0087 U	0.0096 U	0.0098 U	0.0093 U	0.01 U	0.0096 U	0.01 U	0.0086 U	0.0085 U	0.01 U
PCB-1242	mg/kg	-	-	-	-	-	0.0026 U	0.0029 U	0.0029 U	0.0028 U	0.003 U	0.0029 U	0.0031 U	0.0026 U	0.0025 U	0.003 U
PCB-1248	mg/kg	-	-	-	-	-	0.0037 U	0.0041 U	0.0042 U	0.004 U	0.0043 U	0.0041 U	0.0045 U	0.0037 U	0.0036 U	0.0043 U
PCB-1254	mg/kg	-	-	0.5	1.6	-	0.0026 U	0.0029 U	0.0029 U	0.0028 U	0.003 U	0.0029 U	0.0031 U	0.0026 U	0.0025 U	0.003 U
PCB-1260	mg/kg	-	-	0.5	-	-	0.0037 U	0.0041 U	0.0042 U	0.004 U	0.0043 U	0.0041 U	0.0045 U	0.0037 U	0.0036 U	0.0043 U
Total PCBs (Calculated)	mg/kg	10	1	0.5	-	-	0.0099 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.012 U	0.0098 U	0.0097 U	0.012 U

Notes:

[1] WADOE MCTA Method A Standard Formula Values for Soil

[2] WADOE MTCA Method B Standard Formula Value for Soil, Direct Contact (ingestion only), Unrestricted Land Use

[3] Source: Natural Background Soil Metals Concentrations in Washington State, October 1994, Charles San Juan

[4] YK-MW-31 (0-1) is a duplicate for YK-MW-3 (0-1)

EPH Extractable petroleum hydrocarbons

mg/kg milligrams per kilogram

µg/kg micrograms per kilogram

MCL Maximum Contaminant Level

MDL method detection limit

MTCA Model Toxics Control Act

RL reporting limit

WADOE Washington Department of Ecology

WADOH Washington Department of Health MCLs

U Constituent not detected at or above the associated method detection limit (MDL)

J Sample concentration detected between the associated MDL and reporting limit (RL)

B Analyte detected in associated laboratory blank.

Y Fuel compound Is a complex hydrocarbon mixture.

***** Laboratory control spike (LCS) or LCS duplicate associated with the primary sample exceeded the laboratory established control limit

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-MW-5 (0-1)	YK-MW-5 (2-3)	YK-MW-6 (0-1)	YK-MW-6 (4-5)	YK-MW-6 (4-5)D	YK-MW-7 (0-1)	YK-MW-7 (4-5)	YK-SB-01 (0-1)	YK-SB-01 (4-5)	YK-SB-02 (0-1)	YK-SB-02 (3-4)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11
Fluoranthene	mg/kg	-	-	-	3,200	-	0.0062 U	0.0064 U	**0.0097 J**	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.019 J**	0.006 U	0.0056 U	0.0058 U
Fluorene	mg/kg	-	-	-	3,200	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Hexachlorobenzene	mg/kg	-	-	0.625	64	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	480	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Hexachloroethane	mg/kg	-	-	71	80	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
Indeno[1,2,3-cd]pyrene	mg/kg	-	-	1	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Isophorone	mg/kg	-	-	1,053	16,000	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Naphthalene	mg/kg	5	5	-	1,600	-	0.0062 U	0.0063 U	0.0062 U	0.0062 U	0.0064 U	0.006 U	0.0063 U	0.0061 U	0.0058 U	0.0056 U	0.0058 U
Nitrobenzene	mg/kg	-	-	-	160	-	0.042 U	0.044 U	0.042 U	0.044 U	0.048 U	0.041 U	0.043 U	0.041 U	0.041 U	0.038 U	0.04 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	0.143	-	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
N-Nitrosodiphenylamine	mg/kg	-	-	204	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	0.0061 U	0.006 U	0.0056 U	0.0058 U
Pentachlorophenol	mg/kg	-	-	3	400	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
Phenanthrene	mg/kg	-	-	-	-	-	0.0062 U	0.0064 U	0.0062 U	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.013 J**	0.006 U	0.0056 U	0.0058 U
Phenol	mg/kg	-	-	-	24,000	-	0.018 U	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.018 U	0.017 U	0.018 U
Pyrene	mg/kg	-	-	-	2,400	-	0.0062 U	0.0064 U	**0.0083 J**	0.0065 U	0.0071 U	0.006 U	0.0063 U	**0.024**	0.006 U	0.0056 U	0.0058 U
Polychlorinated Biphenyls (PCBs)																	
PCB-1016	mg/kg	-	-	14.3	5.6	-	0.0037 U	0.0042 U	0.0041 U	0.004 U	0.0043 U	0.0038 U	0.0042 U	0.004 U	0.0039 U	0.0037 U	0.0038 U
PCB-1221	mg/kg	-	-	-	-	-	0.0092 U	0.01 U	0.01 U	0.01 U	0.011 U	0.0095 U	0.01 U	0.01 U	0.0098 U	0.0092 U	0.0096 U
PCB-1232	mg/kg	-	-	-	-	-	0.0081 U	0.0091 U	0.0089 U	0.0088 U	0.0094 U	0.0083 U	0.0091 U	0.0087 U	0.0086 U	0.008 U	0.0084 U
PCB-1242	mg/kg	-	-	-	-	-	0.0024 U	0.0027 U	0.0027 U	0.0027 U	0.0028 U	0.0025 U	0.0027 U	0.0026 U	0.0026 U	0.0024 U	0.0025 U
PCB-1248	mg/kg	-	-	-	-	-	0.0035 U	0.0039 U	0.0038 U	0.0038 U	0.004 U	0.0036 U	0.0039 U	0.0037 U	0.0037 U	0.0034 U	0.0036 U
PCB-1254	mg/kg	-	-	0.5	1.6	-	0.0024 U	0.0027 U	0.0027 U	0.0027 U	0.0028 U	0.0025 U	0.0027 U	0.0026 U	0.0026 U	0.0024 U	0.0025 U
PCB-1260	mg/kg	-	-	0.5	-	-	0.0035 U	0.0039 U	0.0038 U	0.0038 U	0.004 U	0.0036 U	0.0039 U	**0.026**	0.0037 U	0.0034 U	0.0036 U
Total PCBs (Calculated)	mg/kg	10	1	0.5	-	-	0.0092 U	0.01 U	0.01 U	0.01 U	0.011 U	0.0095 U	0.01 U	**0.026**	0.0098 U	0.0092 U	0.0096 U

Notes:

[1] WADOE MCTA Method A Standard Formula Values for Soil

[2] WADOE MTCA Method B Standard Formula Value for Soil, Direct Contact (ingestion only), Unrestricted Land Use

[3] Source: Natural Background Soil Metals Concentrations in Washington State, October 1994, Charles San Juan

[4] YK-MW-31 (0-1) is a duplicate for YK-MW-3 (0-1)

EPH Extractable petroleum hydrocarbons

mg/kg milligrams per kilogram

µg/kg micrograms per kilogram

MCL Maximum Contaminant Level

MDL method detection limit

MTCA Model Toxics Control Act

RL reporting limit

WADOE Washington Department of Ecology

WADOH Washington Department of Health MCLs

U Constituent not detected at or above the associated method detection limit (MDL)

J Sample concentration detected between the associated MDL and reporting limit (RL)

B Analyte detected in associated laboratory blank.

Y Fuel compound Is a complex hydrocarbon mixture.

***** Laboratory control spike (LCS) or LCS duplicate associated with the primary sample exceeded the laboratory established control l

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-SB-03 (0-1)	YK-SB-03 (3-4)	YK-SB-04 (0-1)	YK-SB-04 (4-5)	YK-SB5 (0-1)	YK-SB05 (5-6)	YK-SB-06 (0-1)	YK-SB-06 (4-5)	YK-SB-07 (0-1)	YK-SB-07 (3-4)	YK-SB-08 (0-1)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	11-Mar-11	11-Mar-11	10-Mar-11
Fluoranthene	mg/kg	-	-	-	3,200	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	**0.018 J**	0.0065 U	0.0063 U
Fluorene	mg/kg	-	-	-	3,200	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Hexachlorobenzene	mg/kg	-	-	0.625	64	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	480	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Hexachloroethane	mg/kg	-	-	71	80	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
Indeno[1,2,3-cd]pyrene	mg/kg	-	-	1	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Isophorone	mg/kg	-	-	1,053	16,000	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Naphthalene	mg/kg	5	5	-	1,600	-	0.0058 U	0.0062 U	0.0061 U	0.0059 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Nitrobenzene	mg/kg	-	-	-	160	-	0.04 U	0.042 U	0.041 U	0.043 U	0.042 U	0.046 U	0.041 U	0.044 U	0.044 U	0.044 U	0.043 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	0.143	-	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
N-Nitrosodiphenylamine	mg/kg	-	-	204	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Pentachlorophenol	mg/kg	-	-	3	400	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
Phenanthrene	mg/kg	-	-	-	-	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Phenol	mg/kg	-	-	-	24,000	-	0.017 U	0.019 U	0.018 U	0.019 U	0.018 U	0.02 U	0.018 U	0.019 U	0.02 U	0.02 U	0.019 U
Pyrene	mg/kg	-	-	-	2,400	-	0.0058 U	0.0062 U	0.0061 U	0.0063 U	0.0061 U	0.0067 U	0.0061 U	0.0064 U	0.0065 U	0.0065 U	0.0063 U
Polychlorinated Biphenyls (PCBs)																	
PCB-1016	mg/kg	-	-	14.3	5.6	-	0.0038 U	0.0039 U	0.0039 U	0.0041 U	0.004 U	0.0045 U	0.0037 U	0.0041 U	0.0041 U	0.0041 U	0.0039 U
PCB-1221	mg/kg	-	-	-	-	-	0.0095 U	0.0097 U	0.0097 U	0.01 U	0.01 U	0.011 U	0.0094 U	0.01 U	0.01 U	0.01 U	0.0098 U
PCB-1232	mg/kg	-	-	-	-	-	0.0083 U	0.0085 U	0.0085 U	0.0091 U	0.0089 U	0.0099 U	0.0082 U	0.009 U	0.009 U	0.0089 U	0.0086 U
PCB-1242	mg/kg	-	-	-	-	-	0.0025 U	0.0025 U	0.0025 U	0.0027 U	0.0027 U	0.003 U	0.0025 U	0.0027 U	0.0027 U	0.0027 U	0.0026 U
PCB-1248	mg/kg	-	-	-	-	-	0.0036 U	0.0036 U	0.0036 U	0.0039 U	0.0038 U	0.0043 U	0.0035 U	0.0038 U	0.0039 U	0.0038 U	0.0037 U
PCB-1254	mg/kg	-	-	0.5	1.6	-	0.0025 U	0.0025 U	0.0025 U	0.0027 U	0.0027 U	0.003 U	0.0025 U	0.0027 U	0.0027 U	0.0027 U	0.0026 U
PCB-1260	mg/kg	-	-	0.5	-	-	0.0036 U	0.0036 U	0.0036 U	0.0039 U	0.0038 U	0.0043 U	0.0035 U	0.0038 U	0.0039 U	0.0038 U	0.0037 U
Total PCBs (Calculated)	mg/kg	10	1	0.5	-	-	0.0095 U	0.0097 U	0.0097 U	0.01 U	0.01 U	0.011 U	0.0094 U	0.01 U	0.01 U	0.01 U	0.0098 U

Notes:

[1] WADOE MCTA Method A Standard Formula Values for Soil

[2] WADOE MTCA Method B Standard Formula Value for Soil, Direct Contact (ingestion only), Unrestricted Land Use

[3] Source: Natural Background Soil Metals Concentrations in Washington State, October 1994, Charles San Juan

[4] YK-MW-31 (0-1) is a duplicate for YK-MW-3 (0-1)

EPH Extractable petroleum hydrocarbons

mg/kg milligrams per kilogram

µg/kg micrograms per kilogram

MCL Maximum Contaminant Level

MDL method detection limit

MTCA Model Toxics Control Act

RL reporting limit

WADOE Washington Department of Ecology

WADOH Washington Department of Health MCLs

U Constituent not detected at or above the associated method detection limit (MDL)

J Sample concentration detected between the associated MDL and reporting limit (RL)

B Analyte detected in associated laboratory blank.

Y Fuel compound Is a complex hydrocarbon mixture.

***** Laboratory control spike (LCS) or LCS duplicate associated with the primary sample exceeded the laboratory established control l

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Me

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-SB-08 (4-5)	YK-SB-09 (0-1)	YK-SB-09 (0-1)D	YK-SB-09 (4-5)	YK-SB-10 (0-1)	YK-SB-11 (0-1)	YK-SB-11 (3-4)	YK-SB-12 (0-1)	YK-SB-13 (0-1)	YK-SB-13 (7-8)	YK-SB-14 (0-1)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	10-Mar-11	10-Mar-11	10-Mar-11	10-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	10-Mar-11
Fluoranthene	mg/kg	-	-	-	3,200	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	**0.0061 J**	0.0052 U	0.0062 U	0.0063 U
Fluorene	mg/kg	-	-	-	3,200	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Hexachlorobenzene	mg/kg	-	-	0.625	64	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	480	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Hexachloroethane	mg/kg	-	-	71	80	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
Indeno[1,2,3-cd]pyrene	mg/kg	-	-	1	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Isophorone	mg/kg	-	-	1,053	16,000	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Naphthalene	mg/kg	5	5	-	1,600	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0038 U	0.0034 U	0.0051 U	0.0053 U	0.0046 U	0.0062 U	0.0062 U
Nitrobenzene	mg/kg	-	-	-	160	-	0.043 U	0.041 U	0.042 U	0.042 U	0.035 U	0.035 U	0.035 U	0.036 U	0.036 U	0.042 U	0.043 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	0.143	-	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
N-Nitrosodiphenylamine	mg/kg	-	-	204	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Pentachlorophenol	mg/kg	-	-	3	400	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
Phenanthrene	mg/kg	-	-	-	-	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	**0.0077 J**	0.0062 U	0.0063 U
Phenol	mg/kg	-	-	-	24,000	-	0.019 U	0.018 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.016 U	0.016 U	0.019 U	0.019 U
Pyrene	mg/kg	-	-	-	2,400	-	0.0063 U	0.006 U	0.0061 U	0.0061 U	0.0051 U	0.0051 U	0.0051 U	0.0053 U	0.0052 U	0.0062 U	0.0063 U
Polychlorinated Biphenyls (PCBs)																	
PCB-1016	mg/kg	-	-	14.3	5.6	-	0.0041 U	0.0042 U	0.0039 U	0.004 U	0.0033 U	0.0032 U	0.0033 U	0.0034 U	0.0035 U	0.004 U	0.004 U
PCB-1221	mg/kg	-	-	-	-	-	0.01 U	0.011 U	0.0099 U	0.0099 U	0.0082 U	0.0081 U	0.0083 U	0.0085 U	0.0087 U	0.01 U	0.01 U
PCB-1232	mg/kg	-	-	-	-	-	0.0089 U	0.0092 U	0.0086 U	0.0086 U	0.0072 U	0.0071 U	0.0072 U	0.0074 U	0.0076 U	0.0088 U	0.0087 U
PCB-1242	mg/kg	-	-	-	-	-	0.0027 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0023 U	0.0026 U	0.0026 U
PCB-1248	mg/kg	-	-	-	-	-	0.0038 U	0.0039 U	0.0037 U	0.0037 U	0.0031 U	0.003 U	0.0031 U	0.0032 U	0.0032 U	0.0038 U	0.0037 U
PCB-1254	mg/kg	-	-	0.5	1.6	-	0.0027 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0023 U	0.0026 U	0.0026 U
PCB-1260	mg/kg	-	-	0.5	-	-	0.0038 U	0.0039 U	0.0037 U	0.0037 U	0.0031 U	0.003 U	0.0031 U	0.0032 U	0.0032 U	0.0038 U	0.0037 U
Total PCBs (Calculated)	mg/kg	10	1	0.5	-	-	0.01 U	0.011 U	0.0099 U	0.0099 U	0.0082 U	0.0081 U	0.0083 U	0.0085 U	0.0087 U	0.01 U	0.01 U

Notes:

[1] WADOE MCTA Method A Standard Formula Values for Soil

[2] WADOE MTCA Method B Standard Formula Value for Soil, Direct Contact (ingestion only), Unrestricted Land Use

[3] Source: Natural Background Soil Metals Concentrations in Washington State, October 1994, Charles San Juan

[4] YK-MW-31 (0-1) is a duplicate for YK-MW-3 (0-1)

EPH Extractable petroleum hydrocarbons

mg/kg milligrams per kilogram

µg/kg micrograms per kilogram

MCL Maximum Contaminant Level

MDL method detection limit

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RL reporting limit

WADOE Washington Department of Ecology

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U Constituent not detected at or above the associated method detection limit (MDL)

J Sample concentration detected between the associated MDL and reporting limit (RL)

B Analyte detected in associated laboratory blank.

Y Fuel compound Is a complex hydrocarbon mixture.

***** Laboratory control spike (LCS) or LCS duplicate associated with the primary sample exceeded the laboratory established control l

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

TABLE 3: SUMMARY OF SOIL ANALYTICAL RESULTS
Phase II Environmental Site Assessment
GE Aviation - Yakima, WA

Key:

1.23 Detected concentration

1.23 Detected concendtation exceeds WADOE MTCA Method B Standard Formula Value and Yakima Basin Background Con

1.23 Detected concendtation exceeds WADOE MTCA Method A and Yakima Basin Background Concentration (No MTCA Met

1.23 Detected concentration exceeds Yakima Basin Background Concentration only

Analyte (by Group)	Unit	WADOE MTCA				Background	YK-SB-14 (4-5)	YK-SB-15 (0-1)	YK-SB-15 (4-5)	YK-SB-16 (0-1)	YK-SB-16 (3-4)	YK-SB-17 (0-1)	YK-SB-17 (0-1)D	YK-SB-17 (3-4)	YK-SB-18 (0-1)	YK-SB-18 (3-4)
		Method A, Industrial Land Use [1]	Method A, Unrestricted Land Use [1]	Method B, Carcinogen, Standard [2]	Method B, Non-carcinogen [2]	Yakima Basin Soil [3]	10-Mar-11	10-Mar-11	10-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11	11-Mar-11
Fluoranthene	mg/kg	-	-	-	3,200	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Fluorene	mg/kg	-	-	-	3,200	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Hexachlorobenzene	mg/kg	-	-	0.625	64	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	480	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Hexachloroethane	mg/kg	-	-	71	80	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
Indeno[1,2,3-cd]pyrene	mg/kg	-	-	1	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Isophorone	mg/kg	-	-	1,053	16,000	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Naphthalene	mg/kg	5	5	-	1,600	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Nitrobenzene	mg/kg	-	-	-	160	-	0.05 U	0.042 U	0.042 U	0.046 U	0.042 U	0.043 U	0.042 U	0.048 U	0.042 U	0.043 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	0.143	-	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
N-Nitrosodiphenylamine	mg/kg	-	-	204	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Pentachlorophenol	mg/kg	-	-	3	400	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
Phenanthrene	mg/kg	-	-	-	-	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	**0.0068 J**	0.0063 U
Phenol	mg/kg	-	-	-	24,000	-	0.022 U	0.018 U	0.019 U	0.02 U	0.019 U	0.019 U	0.018 U	0.021 U	0.018 U	0.019 U
Pyrene	mg/kg	-	-	-	2,400	-	0.0073 U	0.0061 U	0.0062 U	0.0067 U	0.0062 U	0.0063 U	0.0062 U	0.0071 U	0.0061 U	0.0063 U
Polychlorinated Biphenyls (PCBs)																
PCB-1016	mg/kg	-	-	14.3	5.6	-	0.0046 U	0.004 U	0.0039 U	0.0041 U	0.0039 U	0.0039 U	0.0039 U	0.0046 U	0.0039 U	0.0041 U
PCB-1221	mg/kg	-	-	-	-	-	0.012 U	0.0099 U	0.0097 U	0.01 U	0.0097 U	0.0098 U	0.0096 U	0.011 U	0.0097 U	0.01 U
PCB-1232	mg/kg	-	-	-	-	-	0.01 U	0.0087 U	0.0085 U	0.0089 U	0.0085 U	0.0085 U	0.0084 U	0.01 U	0.0085 U	0.0089 U
PCB-1242	mg/kg	-	-	-	-	-	0.003 U	0.0026 U	0.0025 U	0.0027 U	0.0025 U	0.0026 U	0.0025 U	0.003 U	0.0025 U	0.0027 U
PCB-1248	mg/kg	-	-	-	-	-	0.0043 U	0.0037 U	0.0036 U	0.0038 U	0.0036 U	0.0037 U	0.0036 U	0.0043 U	0.0036 U	0.0038 U
PCB-1254	mg/kg	-	-	0.5	1.6	-	0.003 U	0.0026 U	0.0025 U	0.0027 U	0.0025 U	0.0026 U	**0.029**	0.003 U	0.0025 U	0.0027 U
PCB-1260	mg/kg	-	-	0.5	-	-	0.0043 U	0.0037 U	0.0036 U	0.0038 U	0.0036 U	0.0037 U	0.0036 U	0.0043 U	0.0036 U	0.0038 U
Total PCBs (Calculated)	mg/kg	10	1	0.5	-	-	0.012 U	0.0099 U	0.0097 U	0.01 U	0.0097 U	0.0098 U	**0.029**	0.011 U	0.0097 U	0.01 U

Notes:

[1] WADOE MCTA Method A Standard Formula Values for Soil

[2] WADOE MTCA Method B Standard Formula Value for Soil, Direct Contact (ingestion only), Unrestricted Land Use

[3] Source: Natural Background Soil Metals Concentrations in Washington State, October 1994, Charles San Juan

[4] YK-MW-31 (0-1) is a duplicate for YK-MW-3 (0-1)

EPH Extractable petroleum hydrocarbons

mg/kg milligrams per kilogram

µg/kg micrograms per kilogram

MCL Maximum Contaminant Level

MDL method detection limit

MTCA Model Toxics Control Act

RL reporting limit

WADOE Washington Department of Ecology

WADOH Washington Department of Health MCLs

U Constituent not detected at or above the associated method detection limit (MDL)

J Sample concentration detected between the associated MDL and reporting limit (RL)

B Analyte detected in associated laboratory blank.

Y Fuel compound Is a complex hydrocarbon mixture.

***** Laboratory control spike (LCS) or LCS duplicate associated with the primary sample exceeded the laboratory established control l

^ Instrument QC related to the primary sample was outside laboratory established control limits

- No screening level for this analyte

APPENDIX A: DAILY FIELD REPORTS

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DAILY FIELD REPORT NO. 01

GE Aviation
Yakima, WA Phase II ESA
Yakima, Wa

DATE: 3/10/2011
WEATHER: Sunny, windy, 50ºF
PROJECT NO.: 1010884.010102

TOTAL HOURS WORKED: 44.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Steve Wiskes, MWH, FTL, 11 hrs
Justin Peterson, MWH, Geologist, 11 hrs
Melissa Sabga, MWH, Geologist, 11 hrs
Simon Bluestone, MWH, PM, 11 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

Rich Jessen, Utilities Plus, locate onsite utilities, 8.5 hrs
Brook King, Cascade Drilling, driller, 10 hrs
Todd Mecham, Cascade Drilling, driller, 10 hrs
Chris Baker, Cascade Drilling, driller, 6.5 hrs
Zane Shadrick, Cascade Drilling, driller, 6.5 hrs
Joe Stalock, Cascade Drilling, driller, 6.5 hrs

EQUIPMENT & SUPPLIES (type, usage)

25 acetate liners for hydraulic probe
150 lbs of bentonite for well abandonment
Mini Rae 3000 for soil screening and health and safety screening
Water level indicator

DESCRIPTION OF TASKS PERFORMED

1 Marked 26 boring locations
2 26 boring locations cleared by utility clearance
3 Collect 15 soil samples for VOC, SVOC, PCBs, and metals and overnight to Test America for 1 day TAT
4 Abandon and patch 6 soil boring locations
5 Measure water levels and total depths in two existing wells on airport property

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1 Hydraulic probe too big for inside borings, drillers will bring a smaller one onsite
2 Water is shallow at site, wells will be installed at 15 ft maximum
3 Only two soil samples to be collected from soil borings due to shallow groundwater

IDW TRACKING (ID, container size and type, contents, labels, remaining capacity (%))

1 55-gal drum of soils (1/8 full) from MW-1, MW-2, MW-3, MW-4, SB05, SB06, SB08, SB09, SB14, and SB15

NEXT DAY'S PLANNED ACTIVITIES

PREPARED BY: Steve Wiskes

REVIEWED BY: _____

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	3/10/2011	Soil sampling	Collect soil samples from 10 of 25 borings

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 1

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/10/2011

Comments:
View of the monitoring well location for MW-1 prior to drilling and sampling.

Photograph ID: 2

Photo Location:
GE Aviation Exterior

Direction:
Southeast

Survey Date:
3/10/2011

Comments:
View of the subcontractor, Cascade Drilling, using a geoprobe to sample MW-1 prior to well installation. This technique was used for all soil samples collected on Day 1. Samples YK-MW-1 (0-1), YK-MW-1 (4-5), and YK-MW-1 (4-5) Dup were collected from this location.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 3 **Photo Location:** GE Aviation Exterior **Direction:** West **Survey Date:** 3/10/2011 **Comments:** View of the monitoring well location for MW-2 prior to drilling and sampling.	
Photograph ID: 4 **Photo Location:** GE Aviation Exterior **Direction:** West **Survey Date:** 3/10/2011 **Comments:** View of the monitoring well location for MW-3 prior to drilling and sampling.	

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 5

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/10/2011

Comments:
View of the monitoring well location for MW-4 prior to drilling and sampling.

Photograph ID: 6

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/10/2011

Comments:
View of the monitoring well location for MW-5 prior to drilling and sampling.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 7

Photo Location:
GE Aviation Exterior

Direction:
East

Survey Date:
3/10/2011

Comments:
View of the monitoring well location for MW-6 prior to drilling and sampling.

Photograph ID: 8

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/10/2011

Comments:
View of the monitoring well location for MW-7 prior to drilling and sampling.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 9 **Photo Location:** GE Aviation Exterior **Direction:** Southeast **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-01 prior to drilling and sampling.	
Photograph ID: 10 **Photo Location:** GE Aviation Exterior **Direction:** South **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-02 prior to drilling and sampling.	

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 11 **Photo Location:** GE Aviation Exterior **Direction:** South **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-03 prior to drilling and sampling.	
Photograph ID: 12 **Photo Location:** GE Aviation Exterior **Direction:** South **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-04 prior to drilling and sampling.	

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 13 **Photo Location:** GE Aviation Exterior **Direction:** Northwest **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-05 prior to drilling and sampling.	

Photograph ID: 14 **Photo Location:** GE Aviation Exterior **Direction:** West **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-05 after samples YK-SB05 (0-1) and YK-SB05 (5-6) were collected. Cascade Drilling filled the boring hole with a bentonite seal and 3/8 chips.	

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 15

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-06 prior to drilling and sampling.

Photograph ID: 16

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-06 after samples YK-SB06 (0-1) and YK-SB06 (4-5) were collected. Cascade Drilling filled the boring hole with a bentonite seal and 3/8 chips.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 17 **Photo Location:** GE Aviation Exterior **Direction:** South **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-07 prior to drilling and sampling.	
Photograph ID: 18 **Photo Location:** GE Aviation Exterior **Direction:** North **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-08 prior to drilling and sampling.	

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 19 **Photo Location:** GE Aviation Exterior **Direction:** South **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-08 after samples YK-MW-SB08 (0-1) and YK-SB08 (4-5) were collected. Cascade Drilling filled the boring hole with a bentonite seal and 3/8 chips.	
Photograph ID: 20 **Photo Location:** GE Aviation Exterior **Direction:** North **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-09 prior to drilling and sampling.	

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 21

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-09 after samples YK-SB09 (0-1), YK-SB09 D (0-1), and YK-SB09 (4-5) were collected. Cascade Drilling filled the boring hole with a bentonite seal and 3/8 chips.

Photograph ID: 22

Photo Location:
GE Aviation Interior

Direction:
West

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-11 prior to drilling and sampling.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 23

Photo Location:
GE Aviation Interior

Direction:
South

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-12 prior to drilling and sampling.

Photograph ID: 24

Photo Location:
GE Aviation Interior

Direction:
West

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-13 prior to drilling and sampling.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 25 **Photo Location:** GE Aviation Exterior **Direction:** West **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-14 prior to drilling and sampling.	
Photograph ID: 26 **Photo Location:** GE Aviation Exterior **Direction:** South **Survey Date:** 3/10/2011 **Comments:** View of the soil boring location for SB-14 after samples YK-SB14 (0-1) and YK-SB14 (4-5) were collected. Cascade Drilling filled the boring hole with a bentonite seal and 3/8 chips.	

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 27

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-15 prior to drilling and sampling.

Photograph ID: 28

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-15 after samples YK-SB15 (0-1) and YK-SB15 (4-5) were collected. Cascade Drilling filled the boring hole with a bentonite seal and 3/8 chips.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 29

Photo Location:
GE Aviation Exterior

Direction:
West

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-16 prior to drilling and sampling.

Photograph ID: 30

Photo Location:
GE Aviation Exterior

Direction:
West

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-17 prior to drilling and sampling.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 31

Photo Location:
GE Aviation Exterior

Direction:
West

Survey Date:
3/10/2011

Comments:
View of the soil boring location for SB-18 prior to drilling and sampling.

Photograph ID: 32

Photo Location:
Adjacent Property - Noland Decoto Flying Services Inc.

Direction:
East

Survey Date:
3/10/2011

Comments:
View of a previously installed monitoring well located on the property of Noland Decoto, adjacent to GE Aviation. MWH has been granted permission by the property owner to sample groundwater from this well.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 33

Photo Location:
Adjacent Property - Noland Decoto Flying Services Inc.

Direction:
East

Survey Date:
3/10/2011

Comments:
View of an additional previously installed monitoring well located on the property of Noland Decoto, adjacent to GE Aviation. MWH has been granted permission by the property owner to sample groundwater from this well.

DAILY FIELD REPORT NO. 02

GE Aviation
Yakima, WA Phase II ESA
Yakima, Wa

DATE: 3/11/2011
WEATHER: Sunny, 50ºF
PROJECT NO.: 1010884.010102

TOTAL HOURS WORKED: 36.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Steve Wiskes, MWH, FTL, 12 hrs
Justin Peterson, MWH, Geologist, 12 hrs
Melissa Sabga, MWH, Geologist, 12 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

Andy Doan, Gray Surveying, survey, 6.5 hrs
Brook King, Cascade Drilling, driller, 12 hrs
Tyler Day, Cascade Drilling, driller, 8 hrs
Chris Baker, Cascade Drilling, driller, 8 hrs
Zane Shadrick, Cascade Drilling, driller, 12 hrs
Joe Stalock, Cascade Drilling, driller, 8 hrs

EQUIPMENT & SUPPLIES (type, usage)

30 acetate liners for hydraulic probe
Bentonite for well abandonment and seal for wells
22 50 lb bags of filter pack sand for well construction
Mini Rae 3000 for soil screening and health and safety screening
Water level indicator

DESCRIPTION OF TASKS PERFORMED

1. Survey of borings SB01 through SB09, and SB14 through SB18 and two wells on the airport property
2. Fifteen soil borings sampled including monitoring wells MW-5, MW-6, and MW-7
3. Collect 38 soil samples for VOC, SVOC, PCBs, and metals and overnight to Test America for 1 day TAT
4. Abandon and patch 8 soil boring locations
5. Install monitoring wells MW-1, MW-2, and MW-3

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1. hydraulic probe too big for inside borings, drillers will bring a smaller one onsite

IDW TRACKING (ID, container size and type, contents, labels, remaining capacity (%))

Two 55-gal drums of soil from installation of MW-1, MW-2, MW-3
A 1/2 drum of soil produced from hydraulic probe sampling SB01 thru SB04, SB10 thru SB13, SB15 thru SB18, and MW-5 thru MW-7

NEXT DAY'S PLANNED ACTIVITIES

PREPARED BY: Steve Wiskes

REVIEWED BY: _____

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	3/10/2011	Soil sampling	Collect soil samples from 10 of 25 borings
02	3/11/2011	Soil sampling Well installation Location and elevation survey	Collect soil samples from the remaining 15 soil borings Monitoring wells MW-1, MW-2, and MW-3 installed Soil borings SB01 through SB09 and SB14 through SB18 surveyed

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 1

Photo Location:
GE Exterior

Direction:
East

Survey Date:
3/11/2011

Comments:
View of the soil boring location for SB01 after samples YK-SB01 (0-1) and YK-SB01 (4-5) were collected. The boring hole was filled with a bentonite seal and 3/8 chips. Soil was then placed at the top of the boring hole. This type of seal was typical for samples obtained from the grass area.

Photograph ID: 2

Photo Location:
GE Exterior

Direction:
East

Survey Date:
3/11/2011

Comments:
View of the soil boring location for SB02 after samples YK-SB02 (0-1) and YK-SB02 (3-4) were collected. The boring hole was filled with a bentonite seal and 3/8 chips. Soil was then placed at the top of the boring hole.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 3

Photo Location:
GE Exterior

Direction:
South

Survey Date:
3/11/2011

Comments:
View of the soil boring location for SB03 after samples YK-SB03 (0-1) and YK-SB03 (3-4) were collected. The boring hole was filled with a bentonite seal and 3/8 chips. Soil was then placed at the top of the boring hole.

Photograph ID: 4

Photo Location:
GE Exterior

Direction:
South

Survey Date:
3/11/2011

Comments:
View of the soil boring location for SB04 after samples YK-SB04 (0-1) and YK-SB04 (4-5) were collected. The boring hole was filled with a bentonite seal and 3/8 chips. Soil was then placed at the top of the boring hole.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 5

Photo Location:
GE Exterior

Direction:
East

Survey Date:
3/11/2011

Comments:
View of the soil boring location for SB07 after samples YK-SB07 (0-1) and YK-SB07 (3-4) were collected. The boring hole was filled with a bentonite seal and 3/8 chips. Soil was then placed at the top of the boring hole.

Photograph ID: 6

Photo Location:
GE Interior

Direction:
Northeast

Survey Date:
3/11/2011

Comments:
View of soil boring location SB10 in the foreground of the photograph. Sample YK-SB10 (0-1) was collected here.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 7

Photo Location:
GE Interior

Direction:
Southwest

Survey Date:
3/11/2011

Comments:
Cascade drilling used a small geoprobe to drill boreholes inside the facility. This is sample location SB11 where samples YK-SB11 (0-1) and YK-SB11 (3-4) were obtained.

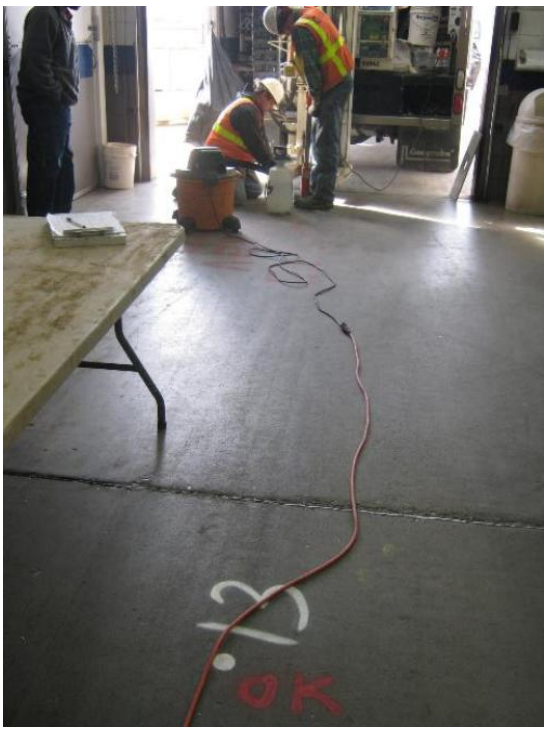
Photograph ID: 8

Photo Location:
GE Interior

Direction:
West

Survey Date:
3/11/2011

Comments:
Soil boring SB13 was relocated to the location that the drillers are seen drilling in the background due to access issues.



Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 9

Photo Location:
GE Interior

Direction:
West

Survey Date:
3/11/2011

Comments:
Cascade Drilling cored the cement inside the building prior to drilling boring samples YK-SB13 (0-1) and YK-SB13 (7-8).

Photograph ID: 10

Photo Location:
GE Interior

Direction:
West

Survey Date:
3/11/2011

Comments:
View of the soil boring location for SB13 after samples were collected. The boring hole was filled with a bentonite seal and 3/8 chips. Cement was then poured at the top of the boring hole. This type of seal was typical for samples obtained from inside the facility.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 11

Photo Location:
GE Exterior

Direction:
North

Survey Date:
3/11/2011

Comments:
View of soil boring location SB16. No samples were collected from this location.

Photograph ID: 12

Photo Location:
GE Exterior

Direction:
North

Survey Date:
3/11/2011

Comments:
View of the drillers attempting to drill a new soil boring location for SB16. This attempt failed and no samples were collected from this location.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 13

Photo Location:
GE Exterior

Direction:
North

Survey Date:
3/11/2011

Comments:
View of Cascade Drilling drilling a soil boring location SB16. Samples YK-SB16 (0-1) and YK-SB16 (3-4) were collected from this location.

Photograph ID: 14

Photo Location:
GE Exterior

Direction:
West

Survey Date:
3/11/2011

Comments:
The three boring holes for SB16 were filled with a bentonite seal and 3/8 chips. Asphalt was then placed at the top of the boring hole. This type of seal was typical for samples obtained from areas with asphalt at the surface.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 15

Photo Location:
GE Exterior

Direction:
West

Survey Date:
3/11/2011

Comments:
View of the soil boring location for SB17 after samples YK-SB17 (0-1), YK-SB17 (0-1) D and YK-SB17 (3-4) were collected. The boring hole was filled with a bentonite seal and 3/8 chips. Asphalt was then placed at the top of the boring hole.

Photograph ID: 16

Photo Location:
GE Exterior

Direction:
North

Survey Date:
3/11/2011

Comments:
View of the soil boring location for SB18 after samples YK-SB18 (0-1) and YK-SB18 (3-4) were collected. The boring hole was filled with a bentonite seal and 3/8 chips. Asphalt was then placed at the top of the boring hole.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 17

Photo Location:
GE Exterior

Direction:
West

Survey Date:
3/11/2011

Comments:
View of Cascade Drilling drilling monitoring well MW-1 to 15 feet depth. This well is scheduled to be developed tomorrow (03/12/2011).

Photograph ID: 18

Photo Location:
GE Exterior

Direction:
East

Survey Date:
3/11/2011

Comments:
View of Cascade Drilling drilling monitoring well MW-2. This well is scheduled to be developed tomorrow (03/12/2011).

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 19

Photo Location:
GE Exterior

Direction:
Southwest

Survey Date:
3/11/2011

Comments:
View of Cascade Drilling drilling monitoring well MW-3 to 15.5 feet depth. This well is scheduled to be developed tomorrow (03/12/2011).

Photograph ID: 20

Photo Location:
GE Interior

Direction:
East

Survey Date:
3/11/2011

Comments:
View of an irrigation well located north of the northwest side of the facility.

Client:	GE Aviation	Project:	Phase II ESA
Site Name:	Yakima	Site Location:	Yakima, Washington

Photograph ID: 21 **Photo Location:** GE Interior **Direction:** East **Survey Date:** 3/11/2011 **Comments:** View of the interior of the irrigation well.	
Photograph ID: 22 **Photo Location:** GE Interior **Direction:** North **Survey Date:** 3/11/2011 **Comments:** View of the interior of the irrigation well.	

DAILY FIELD REPORT NO. 03

GE Aviation
Yakima, WA Phase II ESA
Yakima, Wa

DATE: 3/12/2011
WEATHER: Sunny, 50ºF
PROJECT NO.: 1010884.010102

TOTAL HOURS WORKED: 36.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Steve Wiskes, MWH, FTL, 12 hrs
Justin Peterson, MWH, Geologist, 12 hrs
Melissa Sabga, MWH, Geologist, 12 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

Andy Doan, Gray Surveying, survey, 6.5 hrs
Brook King, Cascade Drilling, driller, 2 hrs
Tyler Day, Cascade Drilling, driller, 8 hrs
Chris Baker, Cascade Drilling, driller, 8 hrs
Zane Shadrick, Cascade Drilling, driller, 8 hrs
Joe Stalock, Cascade Drilling, driller, 8 hrs

EQUIPMENT & SUPPLIES (type, usage)

Grundfos submersible pump
Bentonite for well abandonment and seal for wells
32 50 lb bags of filter pack sand for well construction
Mini Rae 3000 for soil screening and health and safety screening
Water level indicator
3000 watt generator
Horiba water quality meter
7 brass locks for wells

DESCRIPTION OF TASKS PERFORMED

1 Survey borings Sb10 through SB13 and wells MW-1 through MW-7
2 Wells MW-1 through MW-7 developed
3 Install monitoring wells MW-4, MW-5, MW-6, and MW-7
4 Abandon and patch 8 soil boring locations
5 Deliver last 4 soil samples to the lab

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1 None

IDW TRACKING (ID, container size and type, contents, labels, remaining capacity (%))

Two 55-gal drums of decon water produced by the drillers
3 drums of soil cuttings from wells MW-4, MW-5, MW-6, and MW-7
A 1/2 drum of soil produced from hydraulic probe sampling SB01 thru SB04, SB10 thru SSB18, and MW-1 thru MW-7

NEXT DAY'S PLANNED ACTIVITIES

Sample 7 remaining monitoring wells
Sample IDW soil and water
Pack up equipment to ship back

PREPARED BY: Steve Wiskes

REVIEWED BY: _____

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	3/10/2011	Soil sampling	Collect soil samples from 10 of 25 borings
02	3/11/2011	Soil sampling Well installation Location and elevation survey	Collect soil samples from the remaining 15 soil borings Monitoring wells MW-1, MW-2, and MW-3 installed Soil borings SB01 through SB09 and SB14 through SB18 surveyed
03	3/12/2011	Well installation Well development Location and elevation survey Groundwater sampling	Install wells MW-4, MW-5, MW-6, and MW-7 Develop wells MW-1 thru MW-7 Soil borings SB010 through SB13 and SB14 through SB18 and wells MW- thru MW-7 surveyed Sampled the irrigation well, MW-A and MW-B (on airport property)

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 1

Photo Location:
GE Aviation Interior

Direction:
North

Survey Date:
3/12/2011

Comments:
View of the soil boring location for SB10 after samples were collected. The boring hole was filled with cement due to the shallow hole produced. Refusal occurred during drilling. Therefore, only one sample, YK-SB10 (0-1), was collected.

Photograph ID: 2

Photo Location:
GE Aviation Interior

Direction:
West

Survey Date:
3/12/2011

Comments:
View of the soil boring location for SB10 after samples were collected. The boring hole was filled with cement due to the shallow hole produced. Refusal occurred during drilling. However, MWH was still able to collect two samples (YK-SB11 (0-1) and YK-SB11 (3-4)).

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 3

Photo Location:
GE Aviation Interior

Direction:
South

Survey Date:
3/12/2011

Comments:
View of the soil boring location for SB12 after samples were collected. The boring hole was filled with cement due to the shallow hole produced. Refusal occurred during drilling. Therefore, only one sample, YK-SB12 (0-1), was collected.

Photograph ID: 4

Photo Location:
GE Aviation Interior

Direction:
Southwest

Survey Date:
3/12/2011

Comments:
View of the contracted surveyor measuring the ground level at borehole SB12. Surveying was conducted at all soil boring and monitoring well locations.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 5

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/12/2011

Comments:
View of monitoring well MW-1 after installation and development.

Photograph ID: 6

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/12/2011

Comments:
View of monitoring well MW-2 after installation and development.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 7

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/12/2011

Comments:
View of monitoring well MW-3 after installation and development.

Photograph ID: 8

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/12/2011

Comments:
View of monitoring well MW-4 after installation and development.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 9

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/12/2011

Comments:
View of monitoring well MW-5 after installation and development.

Photograph ID: 10

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/12/2011

Comments:
View of monitoring well MW-6 after installation and development.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 11

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/12/2011

Comments:
View of monitoring well MW-7 after installation and development.

Photograph ID: 12

Photo Location:
Adjacent Property - Noland Decoto Flying Services Inc.

Direction:
Southwest

Survey Date:
3/12/2011

Comments:
MWH collected groundwater samples at MW-A located on property adjacent to GE Aviation.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 13

Photo Location:
Adjacent Property - Noland Decoto Flying Services Inc.

Direction:
East

Survey Date:
3/12/2011

Comments:
MWH also collected groundwater samples at MW-B located on property adjacent to GE Aviation.

Photograph ID: 14

Photo Location:
GE Aviation Exterior

Direction:
Northeast

Survey Date:
3/12/2011

Comments:
View of the hazardous waste storage area designated for the Phase II Environmental Site Assessment (ESA) field activities at the site.

DAILY FIELD REPORT NO. 04

GE Aviation
Yakima, WA Phase II ESA
Yakima, Wa

DATE: 3/13/2011
WEATHER: Rain, 45ºF
PROJECT NO.: 1010884.010102

TOTAL HOURS WORKED: 36.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Steve Wiskes, MWH, FTL, 12 hrs
Justin Peterson, MWH, Geologist, 12 hrs
Melissa Sabga, MWH, Geologist, 12 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

Grundfos submersible pump
Water level indicator
3000 watt generator
Horiba water quality meter

DESCRIPTION OF TASKS PERFORMED

1 Wells MW-1 through MW-7 sampled
2 IDW soil and water sampled
3 Shipped equipment back to supplier

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1 None

IDW TRACKING (ID, container size and type, contents, labels, remaining capacity (%))

A total of 10 drums of IDW was produced (4 water and 6 drums of soil)

NEXT DAY'S PLANNED ACTIVITIES

Deliver samples to the lab

PREPARED BY: Steve Wiskes

REVIEWED BY: _____

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	3/10/2011	Soil sampling	Collect soil samples from 10 of 25 borings
02	3/11/2011	Soil sampling Well installation Location and elevation survey	Collect soil samples from the remaining 15 soil borings Monitoring wells MW-1, MW-2, and MW-3 installed Soil borings SB01 through SB09 and SB14 through SB18 surveyed
03	3/12/2011	Well installation Well development Location and elevation survey Groundwater sampling	Install wells MW-4, MW-5, MW-6, and MW-7 Develop wells MW-1 thru MW-7 Soil borings SB010 through SB13 and SB14 through SB18 and wells MW- thru MW-7 surveyed Sampled the irrigation well, MW-A and MW-B (on airport property)
04	3/13/2011	Water and IDW sampling	Collect water samples from MW-1 through MW-7, IDW soil and IDW water

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 1

Photo Location:
GE Aviation Exterior

Direction:
Downward

Survey Date:
3/13/2011

Comments:
View of investigative derived waste (IDW) (soil samples). IDW samples for groundwater were also collected.

Photograph ID: 2

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/13/2011

Comments:
View of the sampling set-up for monitoring well MW-1.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 3

Photo Location:
GE Aviation Exterior

Direction:
Southeast

Survey Date:
3/13/2011

Comments:
View of the sampling set-up for monitoring well MW-3.

Photograph ID: 4

Photo Location:
GE Aviation Exterior

Direction:
South

Survey Date:
3/13/2011

Comments:
View of sampling set-up for monitoring well MW-4.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 5

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/13/2011

Comments:
The groundwater purged from monitoring well MW-4 was dark brown in color. The groundwater from monitoring wells MW-5, MW-6 and MW-7 were similar in color.

Photograph ID: 6

Photo Location:
GE Aviation Exterior

Direction:
North

Survey Date:
3/13/2011

Comments:
View of the sampling set-up for monitoring well MW-5.

Client:	**GE Aviation**	**Project:**	**Phase II ESA**
Site Name:	**Yakima**	**Site Location:**	**Yakima, Washington**

Photograph ID: 7

Photo Location:
GE Aviation Exterior

Direction:
East

Survey Date:
3/13/2011

Comments:
View of the sampling set-up for monitoring well MW-6.

Photograph ID: 8

Photo Location:
GE Aviation Exterior

Direction:
West

Survey Date:
3/13/2011

Comments:
View of the sampling set-up for monitoring well MW-7.

DAILY FIELD REPORT NO. 01

5100 SW Macadam Avenue
Suite 420
Portland, OR 97239

GE Aviation
2720 W Washington Ave
Yakima, WA

DATE: 2011-06-01
WEATHER: 65F, Partly Cloudy, Scattered Showers
PROJECT NO.: 1010884.010102

TOTAL DAILY HOURS WORKED: 24.0
TOTAL CUMULATIVE HOURS WORKED: 24.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Christine Nancarrow, MWH, On-Site Representative, 12 hrs
Joseph Rock, MWH, On-Site Representative, 12 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

PVC pipe, surge block, submersible Grundfos pump, 2-stage pump, steel bailer, Horiba water quality meter, water level indicator, PID, Hanna turbidity meter

DESCRIPTION OF TASKS PERFORMED

1. Held brief safety meeting to discuss safety concerns and scope of work
2. Developed Existing Well B (EW-B) using surge block and steel bailer. ~ 5 gal water bailed, well went dry
3. Developed MW-05 using surge block and steel bailer; ~35 gal bailed; sediment laden water
4. Developed MW-07 using surge block and steel bailer; ~35 gal bailed; sediment laden water
5. Continued development of MW07 using 2-stage pump; ~ 20 gal removed; geochemical parameters collected
6. Continued development of MW05 using 2-stage pump; ~30 gal removed; geochemical parameters collected

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1. ~ 2 feet of sediment was recorded in MW05 and MW07 prior to development
2. EW-B bailed dry; access restricted to well during remainder of day
3. Accumulated sediment in MW05 and MW07 removed, solid well bottom observed; geochemical parameters including turbidity collected; purge water cleared at end of pumping in MW05 and MW07

IDW TRACKING (ID, container size and type, contents, remaining capacity (%))

IDW-1, 55 gal drum, purge water/decontamination fluids, 0%
IDW-2, 55 gal drum, purge water/decontamination fluids, 0%
IDW-3, 55 gal drum, purge water/decontamination fluids, 30%
IDW-4, 55 gal drum, PPE/debris, 50%

NEXT DAY'S PLANNED ACTIVITIES

Complete groundwater sampling at EW-B, MW05, MW07

PREPARED BY: Joseph Rock, MWH

REVIEWED BY: Mike Cira, MWH

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	6/1/2011	Well Development	Well development of EW-B, MW05, MW-07

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 1 **Survey Date:** 01 Jun 2011 **Photo Location:** Existing Well B **Direction:** East **Observation:** Well development at Existing Well B (EW-B) consisted of surging with PVC pipe/surge block for 30 minutes and bailing well dry.	
Photograph ID: 2 **Survey Date:** 01 Jun 2011 **Photo Location:** Existing Well B **Direction:** East **Observation:** View of PVC pipe used for surging.	

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 3 **Survey Date:** 01 Jun 2011 **Photo Location:** Existing Well B **Direction:** Downward **Observation:** View of surge block used for surging during well development.	
Photograph ID: 4 **Survey Date:** 01 Jun 2011 **Photo Location:** Existing Well B **Direction:** Downward **Observation:** A steel bailer was used to remove sediment laden water following surging with the surge block. EW-B went dry after bailing 5 gal.	

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 5 **Survey Date:** 01 Jun 2011 **Photo Location:** Existing Well B **Direction:** Downward **Observation:** Bailed water from EW-B was turbid; however not as turbid as MW05 and MW07. No sediment was observed at bottom of well casing in EW-B.	
Photograph ID: 6 **Survey Date:** 01 Jun 2011 **Photo Location:** MW05 **Direction:** North **Observation:** View of the well development set-up at MW05.	

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 7 **Survey Date:** 01 Jun 2011 **Photo Location:** MW07 **Direction:** Downward **Observation:** Decontamination procedures during well development consisted of an alconox rinse and triple deionized water rinse of equipment.	
Photograph ID: 8 **Survey Date:** 01 Jun 2011 **Photo Location:** MW05 **Direction:** North **Observation:** Depth to groundwater and total depth were measured in all site wells prior to development of EW-B, MW05, and MW07. Approximately 2 feet of sediment was observed in MW05 and MW07.	

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 9

Survey Date:
01 Jun 2011

Photo Location:
MW05

Direction:
West

Observation:
View of well development set-up at MW05. Purge water was contained in buckets and transferred to 55-gallon drums, which were transferred to the hazardous waste storage area at the end of the day.

Photograph ID: 10

Survey Date:
01 Jun 2011

Photo Location:
MW05

Direction:
Downward

Observation:
A 2-stage pump was used to develop MW05 and MW07 after surging with the surge block. The pump speed was approximately 1.5 gal/min. Drawdown was observed in MW05 at t his rate, but not in MW07.

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 11 **Survey Date:** 01 Jun 2011 **Photo Location:** MW05 **Direction:** West **Observation:** Final depth to water and total depth measurements were collected at MW05 and MW07. Access to EW-B was restricted. Solid well bottoms were observed in MW05 and MW07 following development. Geochemical parameters were collected during pumping. Purge water became clear in MW05 and MW07.	
Photograph ID: 12 **Survey Date:** 01 Jun 2011 **Photo Location:** MW07 **Direction:** Downward **Observation:** Decontamination of equipment was conducted before and between each well.	

DAILY FIELD REPORT NO. 02

MWH

5100 SW Macadam Avenue
Suite 420
Portland, OR 97239

GE Aviation
2720 W Washington Ave
Yakima, WA

DATE: 2011-06-02
WEATHER: 65F, Partly Cloudy
PROJECT NO.: 1010884.010102

TOTAL DAILY HOURS WORKED: 48.0
TOTAL CUMULATIVE HOURS WORKED: 48.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Christine Nancarrow, MWH, On-Site Representative, 12 hrs
Joseph Rock, MWH, On-Site Representative, 12 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

PVC pipe, surge block, submersible Grundfos pump, 2-stage pump, steel bailer, Horiba water quality meter, water level indicator,
PID, Hanna turbidity meter

DESCRIPTION OF TASKS PERFORMED

1 Held brief safety meeting to discuss safety concerns and scope of work
2 Low-flow samplilng at EW-B
3 Equipment blank collected
4 Low-flow sampling at MW07 (duplicate collected)
5 Low-flow sampling at MW05
6 IDW management

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1 Low turbidity measurements (<10 ntu) observed at all 3 wells during low-flow purging
2 Samples collected for analysis of metals, hexavaent chromium, VOCs

IDW TRACKING (ID, container size and type, contents, remaining capacity (%))

IDW-1, 55 gal drum, purge water/decontamination fluids, 0%
IDW-2, 55 gal drum, purge water/decontamination fluids, 0%
IDW-3, 55 gal drum, purge water/decontamination fluids, 0%
IDW-4, 55 gal drum, PPE/debris, 0%
IDW-5, 55 gal drum, purge water/decomtamination fluids, 0%
IDW-6, 55 gal drum, PPE/debris, 0%

NEXT DAY'S PLANNED ACTIVITIES

None

PREPARED BY: Joseph Rock, MWH

REVIEWED BY: Mike Cira, MWH

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	6/1/2011	Well Development	Well development of EW-B, MW05, MW-07
02	6/2/2011	Groundwater Sampling	Groundwater Sampling of EW-B, MW05, MW07

MWH

Photographic Log

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 1

Survey Date:
02 Jun 2011

Photo Location:
MW05

Direction:
East

Observation:
Low-flow sampling procedures were conducted at all three wells. A submersible bladder pump was used. Geochemical parameters were collected. Turbidity measurements in all three wells were less than 10 ntu and other parameters had stabilized prior to sample collection.

Photograph ID: 2

Survey Date:
02 Jun 2011

Photo Location:
MW05

Direction:
Southwest

Observation:
Sampling equipment was decontaminated before sampling and between each well. Samples were collected and immediately placed on ice. Contrary to farmer tan in picture, sunscreen was used on personnel.

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 3 **Survey Date:** 02 Jun 2011 **Photo Location:** EW-B **Direction:** East **Observation:** View of EW-B following sampling.	
Photograph ID: 4 **Survey Date:** 02 Jun 2011 **Photo Location:** MW07 **Direction:** Northeast **Observation:** View of MW07 following sampling.	

Client:	**GE Aviation**	**Site Location:**	**Yakima, WA**
Project:	**Phase II Follow-up Investigation**	**Assessor:**	**Joe Rock, Chris Nancarrow**

Photograph ID: 5

Survey Date:
02 Jun 2011

Photo Location:
MW05

Direction:
Downward

Observation:
View of MW05 following sampling

DAILY FIELD REPORT NO. 01

5100 SW Macadam Avenue
Suite 420
Portland, OR 97239

GE Aviation
2720 W Washington Ave
Yakima, WA

DATE: 2011-08-01
WEATHER: 89F, Sunny
PROJECT NO.: 1010884.010104

TOTAL DAILY HOURS WORKED: 11.0
TOTAL CUMULATIVE HOURS WORKED: 22.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Christine Nancarrow, MWH, On-Site Representative, 11 hrs
Suzanne Anderson, MWH, On-Site Representative, 11 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

PVC pipe, surge block, geo-squirt pump, steel bailer, YSI water quality meter, water level indicator,
PID, Hanna turbidity meter

DESCRIPTION OF TASKS PERFORMED

1. Held kickoff safety meeting to discuss safety concerns and scope of work
2. Groundwater levels and depth to bottom in all wells except Existing Well A
3. Labeled and distributed drums at MW-1,2,3,4,6
4. Developed MW-6 using surge block and stainless steel bailer; ~ 35 gallons bailed; sediment laden water
5. Continued development of MW-6 using geo-squirt pump; ~45 gal removed; geochemical parameters collected
6. IDW management

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1. Low turbidity measurements (<10 ntu) observed at MW-6 during geo-squirt pump development

IDW TRACKING (ID, container size and type, contents, remaining capacity (%))

IDW-1, 55 gal drum, purge water/decontamination fluids, 0%
IDW-2, 55 gal drum, purge water/decontamination fluids, 0%
IDW-3, 55 gal drum, PPE/debris, 0%

NEXT DAY'S PLANNED ACTIVITIES

1. Develop MW-1, 2, 3, and 4
2. Collect depth to water and bottom in Existing Well A

PREPARED BY: Christine Nancarrow, MWH

REVIEWED BY: Joe Rock, MWH

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	8/1/2011	Well Development	Water levels/Depth to Bottom measured; Well development of MW-6

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 1

Photo Location:
MW-6

Direction:
Northeast

Survey Date:
8/1/2011

Comments:
View of MW-6

DAILY FIELD REPORT NO. 02

5100 SW Macadam Avenue
Suite 420
Portland, OR 97239

GE Aviation
2720 W Washington Ave
Yakima, WA

DATE: 2011-08-02
WEATHER: 94F, Sunny
PROJECT NO.: 1010884.010104

TOTAL DAILY HOURS WORKED: 11.0
TOTAL CUMULATIVE HOURS WORKED: 44.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Christine Nancarrow, MWH, On-Site Representative, 11 hrs
Suzanne Anderson, MWH, On-Site Representative, 11 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

PVC pipe, surge block, geo-squirt pump, steel bailer, YSI water quality meter, water level indicator,
PID, Hanna turbidity meter

DESCRIPTION OF TASKS PERFORMED

1. Held brief safety meeting to discuss safety concerns and scope of work
2. Developed MW-4 using surge block and stainless steel bailer; ~ 20 gallons bailed; sediment laden water
3. Continued development of MW-4 using geo-squirt pump; ~ 90 gal removed; geochemical parameters collected
4. Developed MW-3 using surge block and stainless steel bailer; ~ 15 gallons bailed; sediment laden water
5. Continued development of MW-6 using geo-squirt pump; ~150 gal removed; geochemical parameters collected
6. Began development of MW-2 using surge block and stainless steel bailer; ~ 5 gallons bailed
7. IDW Management

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1. Low turbidity measurements (<10 ntu) observed at MW-4, MW-3 during geo-squirt pump development
2. Six (6) additional drums ordered
3. Surge block piping broke (1); obtained replacement part from Home Depot

IDW TRACKING (ID, container size and type, contents, remaining capacity (%))

IDW-1, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-2, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-3, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-4, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-5, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-6, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-7, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-8, 55 gal drum, MW-2 purge water/decontamination fluids, 85%
IDW-9, 55 gal drum, PPE/debris, 80%

NEXT DAY'S PLANNED ACTIVITIES

1. Continue development of MW-2
2. Collect groundwater sample from MW-6, Existing Well B
3. Collect depth to water and bottom in Existing Well A
4. Develop MW-1,Existing Well A

PREPARED BY: Christine Nancarrow, MWH

REVIEWED BY: Joe Rock, MWH

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	8/1/2011	Well Development	Water levels/Depth to Bottom measured; Well development of MW-6
02	8/2/2011	Well Development	Well development of MW-4, MW-3, Partial MW-2

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 1

Photo Location:
MW-4

Direction:
South

Survey Date:
8/2/2011

Comments:
View of the first of three rounds of surging completed at MW-4 during development. Initial round of surging as shown consisted of 3' surge intervals at 5 minutes each prior to bailing.

Photograph ID: 2

Photo Location:
MW-4

Direction:
South, downward

Survey Date:
8/2/2011

Comments:
View of MW-4 equipment set up. [Note: wipe off board is incorrect]

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 3 **Photo Location:** MW-4 **Direction:** South, downward **Survey Date:** 8/2/2011 **Comments:** View of MW-4 during section round of surging the entire screen interval for 10 minutes. Note the 5-gallon bucket in the forefront with water bailed after the first surging round.	
Photograph ID: 4 **Photo Location:** MW-4 **Direction:** Southwest **Survey Date:** 8/2/2011 **Comments:** View of MW-4 purging during well development.	

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 5 **Photo Location:** MW-4 **Direction:** Downward **Survey Date:** 8/2/2011 **Comments:** View of MW-4 discharge prior to pump off into drum containment.	
Photograph ID: 6 **Photo Location:** MW-3 **Direction:** Northwest **Survey Date:** 8/2/2011 **Comments:** View of the MW-3 discharge pumping system set up at the Site. Note IDW-5, IDW-6 and IDW-7 in the background (photo top left).	

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 7

Photo Location:
MW-3

Direction:
Downward

Survey Date:
8/2/2011

Comments:
View of the MW-3 discharge and pump.

Photograph ID: 8

Photo Location:
MW-3

Direction:
Southeast

Survey Date:
8/2/2011

Comments:
View of the MW-3 discharge pumping system staging area.

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 9

Photo Location:
MW-3

Direction:
Downward

Survey Date:
8/2/2011

Comments:
View of MW-3 purge water. The pump was set at the middle of the wellscreen (approx. 10.5' bgs) during this photograph.

Photograph ID: 10

Photo Location:
MW-3

Direction:
Downward

Survey Date:
8/2/2011

Comments:
View of the MW-3 purge water. The pump was set at the bottom of the wellscreen (approx 14.95' bgs) during this photograph.

DAILY FIELD REPORT NO. 03

MWH

5100 SW Macadam Avenue
Suite 420
Portland, OR 97239

GE Aviation
2720 W Washington Ave
Yakima, WA

DATE: 2011-08-03
WEATHER: 94F, Sunny
PROJECT NO.: 1010884.010104

TOTAL DAILY HOURS WORKED: 20.0
TOTAL CUMULATIVE HOURS WORKED: 64.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Christine Nancarrow, MWH, On-Site Representative, 10 hrs
Suzanne Anderson, MWH, On-Site Representative, 10 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

PVC pipe, surge block, geo-squirt pump, steel bailer, YSI water quality meter, water level indicator,
PID, Hanna turbidity meter

DESCRIPTION OF TASKS PERFORMED

1. Held brief safety meeting to discuss safety concerns and scope of work
2. Continued development of MW-2 using surge block and stainless steel bailer; ~ 10 gallons bailed; sediment laden water
3. Continued development of MW-2 using geo-squirt pump; ~ 95 gal removed; geochemical parameters collected
4. Developed MW-1 using surge block and stainless steel bailer; ~ 15 gallons bailed; sediment laden water
5. Continued development of MW-1 using geo-squirt pump; ~95 gal removed; geochemical parameters collected
6. IDW Management

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1. Low turbidity measurements (<10 ntu) observed at MW-2, MW-1 during geo-squirt pump development
2. No access was granted to the airport property.
3. At the time of completion for development of MW-1, no sampling could be done and shipped to meet the 24 hour hold time for Cr VI.

IDW TRACKING (ID, container size and type, contents, remaining capacity (%))

IDW-1, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-2, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-3, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-4, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-5, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-6, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-7, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-8, 55 gal drum, MW-2 purge water/decontamination fluids, 0%
IDW-9, 55 gal drum, MW-2 purge water decontamination fluids, 0%
IDW-10, 55 gal drum, MW-1 purge water/decontamination fluids, 0%
IDW-11, 55 gal drum, MW-1 purge water/decontamination fluids, 0%
IDW-12, 55 gal drum, PPE/used tubing/used materials , 50%

NEXT DAY'S PLANNED ACTIVITIES

1. Sample MW-4
2. Develop EW-A
3. Sample MW-3
4. Sample MW-6

PREPARED BY: Christine Nancarrow, MWH

REVIEWED BY: Joe Rock, MWH

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	8/1/2011	Well Development	Water levels/Depth to Bottom measured; Well development of MW-6
02	8/2/2011	Well Development	Well development of MW-4, MW-3, Partial MW-2
03	8/3/2011	Well Development	Completion of development of MW-2, Well development MW-1

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA.**

Photograph ID: 1

Photo Location:
MW-2

Direction:
West

Survey Date:
8/3/2011

Comments:
View of the MW-2 discharge pumping staging area.

Photograph ID: 2

Photo Location:
MW-2

Direction:
East

Survey Date:
8/3/2011

Comments:
Forefront: View of the MW-2 discharge pumping staging area. Background: View of the MW-2 wellhead and equipment set-up.

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA.**

Photograph ID: 3

Photo Location:
MW-2

Direction:
East, downward

Survey Date:
8/3/2011

Comments:
View of the sampling equipment utilized during development (photo left). The flow cell connected to the multi-parameter meter is secondarily contained in the blue bucket as shown (photo right).

Photograph ID: 4

Photo Location:
MW-2

Direction:
North, downward

Survey Date:
8/3/2011

Comments:
View of the set-up at MW-2. The wellhead is located in the bottom right of the photo.

DAILY FIELD REPORT NO. 04

MWH

5100 SW Macadam Avenue
Suite 420
Portland, OR 97239

GE Aviation
2720 W Washington Ave
Yakima, WA

DATE: 2011-08-04
WEATHER: 96F, Sunny
PROJECT NO.: 1010884.010104

TOTAL DAILY HOURS WORKED: 26.0
TOTAL CUMULATIVE HOURS WORKED: 90.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Christine Nancarrow, MWH, On-Site Representative, 13 hrs
Suzanne Anderson, MWH, On-Site Representative, 13 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

PVC pipe, surge block, geo-squirt pump, steel bailer, YSI water quality meter, water level indicator, PID, Hanna Turbidity Meter
GED Low-flow pump, air compressor, generator

DESCRIPTION OF TASKS PERFORMED

1 Held brief safety meeting to discuss safety concerns and scope of work
2 Decontaminated equipment and collected equipment blank EB-01-080411.
3 Set up on MW-4 for groundwater sampling
4 Began groundwater sampling on MW-4 until compressor motor malfunctioned; troubleshooting.
5 Replaced air compressor
6 Collected groundwater sample from MW-4 (MW-04-080411)
7 Developed Existing Well-A using surge block and stainless steel bailer; ~ 15 gallons bailed; sediment laden water
8 Continued development of Existing Well-A using geo-squirt pump; ~ 30 gal removed; geochemical parameters collected
9 IDW Management

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1 Low turbidity measurements (<10 ntu) observed at Existing Well-A during geo-squirt pump development
2 Access was granted to airport property from 11:00 to 3:30.
3 At the time of completion for development of MW-1, no sampling could be done and shipped to meet the 24 hour hold time for Cr VI.

IDW TRACKING (ID, container size and type, contents, remaining capacity (%))

IDW-1, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-2, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-3, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-4, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-5, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-6, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-7, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-8, 55 gal drum, MW-2 purge water/decontamination fluids, 0%
IDW-9, 55 gal drum, MW-2 purge water decontamination fluids, 0%
IDW-10, 55 gal drum, MW-1 purge water/decontamination fluids, 0%
IDW-11, 55 gal drum, MW-1 purge water/decontamination fluids, 0%
IDW-12, 55 gal drum, MW-1 purge water/decontamination fluids, 15%
IDW-13, 55 gal drum, MW-1 purge water/decontamination fluids, 60%
IDW-14, 55 gal drum, PPE/used tubing/used materials , 40%

NEXT DAY'S PLANNED ACTIVITIES

1 Collect groundwater samples from MW-1, 2, 3, 5, 6, 7, EW-B, and EW-A.

PREPARED BY: Christine Nancarrow, MWH

REVIEWED BY: Joe Rock, MWH

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	8/1/2011	Well Development	Water levels/Depth to Bottom measured; Well development of MW-6
02	8/2/2011	Well Development	Well development of MW-4, MW-3, Partial MW-2
03	8/3/2011	Well Development	Completion of development of MW-2, Well development MW-1
04	8/4/2011	Well Developmt/Sampling	Well development of EW-A, Sampling of MW-4

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 1

Photo Location:
Existing Well A

Direction:
Northeast

Survey Date:
8/4/2011

Comments:
View of set up on Existing Well A.

Photograph ID: 2

Photo Location:
Existing Well A

Direction:
Downward, northeasterly direction

Survey Date:
8/4/2011

Comments:
Closer view of equipment set up in preparation of development activities including surging and bailing.

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 3

Photo Location:
N/A

Direction:
Downward

Survey Date:
8/4/2011

Comments:
View of replacement air compressor utilized in low-flow groundwater sampling.

Photograph ID: 4

Photo Location:
MW-4

Direction:
Downward, westerly direction

Survey Date:
8/5/2011

Comments:
View of set-up on MW-4.

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 5 **Photo Location:** MW-4 **Direction:** Downward **Survey Date:** 8/5/2011 **Comments:** View of flow cell utilized during the collection of groundwater geochemical parameters.	
Photograph ID: 6 **Photo Location:** MW-4 **Direction:** Downward **Survey Date:** 8/5/2011 **Comments:** View of 0.00 NTU (turbidity) groundwater discharge from MW-4 prior to sample collection.	

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 7

Photo Location:
MW-4

Direction:
West

Survey Date:
8/5/2011

Comments:
View of decontamination station.

Photograph ID: 8

Photo Location:
MW-4

Direction:
Southwest

Survey Date:
8/5/2011

Comments:
View of sample collection area at MW-4. Note preparation of sample cooler for shipment (photo upper right).

DAILY FIELD REPORT NO. 05

MWH

5100 SW Macadam Avenue
Suite 420
Portland, OR 97239

GE Aviation
2720 W Washington Ave
Yakima, WA

DATE: 2011-08-05
WEATHER: 96F, Sunny
PROJECT NO.: 1010884.010104

TOTAL DAILY HOURS WORKED: 24.0
TOTAL CUMULATIVE HOURS WORKED: 114.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Christine Nancarrow, MWH, On-Site Representative, 12 hrs
Suzanne Anderson, MWH, On-Site Representative, 12 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

PVC pipe, surge block, geo-squirt pump, steel bailer, YSI water quality meter, water level indicator, PID, Hanna Turbidity Meter
GED Low-flow pump, air compressor, generator

DESCRIPTION OF TASKS PERFORMED

1 Held brief safety meeting to discuss safety concerns and scope of work
2 Set up on MW-02 for groundwater sampling. Required troubleshooting with the new air compressor.
3 Sampled MW-02 (MW-02-08052011).
4 Set up for groundwater sampling on MW-01.
5 Sampled at MW-01 (MW-01-08052011).
6 Met courier at the airport to drop off samples.
7 Set up for groundwater sampling on MW-03.
8 Sample MW-03 (MW-03-08052011).
9 IDW Management

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1 Attempted unsuccessfully to ship samples at the airport via Cargo
2 Samples transported via courier were not received by the analytical lab courier due to miscommunication between them while in Seattle.
3 MWH met with Lab courier to receive samples to submit with Saturday delivery.

IDW TRACKING (ID, container size and type, contents, remaining capacity (%))

IDW-1, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-2, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-3, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-4, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-5, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-6, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-7, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-8, 55 gal drum, MW-2 purge water/decontamination fluids, 0%
IDW-9, 55 gal drum, MW-2 purge water decontamination fluids, 0%
IDW-10, 55 gal drum, MW-1 purge water/decontamination fluids, 0%
IDW-11, 55 gal drum, MW-1 purge water/decontamination fluids, 0%
IDW-12, 55 gal drum, PPE, 0%
IDW-13, 55 gal drum, Existing Well A, 20%
IDW-14, 55 gal drum, Multiple well purge water and decontamination fluids, 70%

NEXT DAY'S PLANNED ACTIVITIES

1 Off site until 8/8.

PREPARED BY: Christine Nancarrow, MWH

REVIEWED BY: Joe Rock, MWH

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	8/1/2011	Well Development	Water levels/Depth to Bottom measured; Well development of MW-6
02	8/2/2011	Well Development	Well development of MW-4, MW-3, Partial MW-2
03	8/3/2011	Well Development	Completion of development of MW-2, Well development MW-1
04	8/4/2011	Well Developmt/Sampling	Well development of EW-A, Sampling of MW-4
05	8/5/2011	Well Developmt/Sampling	Sampling of MW-01, MW-02 and MW-03

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 1

Photo Location:
MW-02

Direction:
West

Survey Date:
8/5/2011

Comments:
View of the decontamination station set up at MW-02.

Photograph ID: 2

Photo Location:
MW-02

Direction:
Northwest

Survey Date:
8/5/2011

Comments:
View of the set up for MW-02.

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 3 **Photo Location:** MW-02 **Direction:** Southwest **Survey Date:** 8/5/2011 **Comments:** View of sampling equipment and groundwater purge tubing at MW-02.	
Photograph ID: 4 **Photo Location:** MW-01 **Direction:** North **Survey Date:** 8/5/2011 **Comments:** View of MW-01 sampling location.	

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 5

Photo Location:
MW-01

Direction:
Northwest

Survey Date:
8/5/2011

Comments:
Closer view of the equipment utilized during the groundwater purging and sampling of MW-01.

Photograph ID: 6

Photo Location:
MW-01

Direction:
South

Survey Date:
8/5/2011

Comments:
Closer view of the equipment utilized during the groundwater purging and sampling of MW-01.

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 7 **Photo Location:** MW-03 **Direction:** East **Survey Date:** 8/5/2011 **Comments:** View of the set up at MW-03.	
Photograph ID: 8 **Photo Location:** MW-03 **Direction:** Downward **Survey Date:** 8/5/2011 **Comments:** Closer view of groundwater discharge tubing utilized at MW-03. Note 0.0 NTU discharge in bucket (photo upper right).	

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 9

Photo Location:
MW-03

Direction:
North

Survey Date:
8/5/2011

Comments:
View of MW-03 location after sampling was complete. Final depth to bottom was 15.02' bgs.

DAILY FIELD REPORT NO. 06

MWH

5100 SW Macadam Avenue
Suite 420
Portland, OR 97239

GE Aviation
2720 W Washington Ave
Yakima, WA

DATE: 2011-08-08
WEATHER: 96F, Sunny
PROJECT NO.: 1010884.010104

TOTAL DAILY HOURS WORKED: 28.0
TOTAL CUMULATIVE HOURS WORKED: 142.0
Everyone Safely Off Site: YES

ON-SITE PERSONNEL (name, affiliation, project title, hours on site)

Christine Nancarrow, MWH, On-Site Representative, 12 hrs
Suzanne Anderson, MWH, On-Site Representative, 12 hrs

OTHER SUBCONTRACTORS (name, affiliation, purpose of visit, hours on site)

None

EQUIPMENT & SUPPLIES (type, usage)

PVC pipe, surge block, geo-squirt pump, steel bailer, YSI water quality meter, water level indicator, PID, Hanna Turbidity Meter
GED Low-flow pump, air compressor, generator

DESCRIPTION OF TASKS PERFORMED

1 Held brief safety meeting to discuss safety concerns and scope of work
2 Set up for groundwater sampling at MW-06.
3 Sampled MW-06 (MW-06-08082011).
4 Set up for groundwater sampling on Existing Well A.
6 Sampled at EW-A (EW-A-08082011).
7 Set up for groundwater sampling at Existing Well B.
8 Sampled at EW-B (EW-B-08082011).
9 Set up for groundwater sampling at MW-07.
10 Sampled at MW-07 (MW-07-08082011).
11 Set up for groundwater sampling at MW-05.
12 Sampled at MW-05 (MW-05-08082011).
13 IDW Management

PROJECT NOTES (health and safety, problems encountered/corrective actions, etc.)

1 Attempted unsuccessfully to ship samples at the airport via Cargo
2 A sample pick up was arranged for Tuesday before 7AM to ensure no holding times were exceeded.

IDW TRACKING (ID, container size and type, contents, remaining capacity (%))

IDW-1, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-2, 55 gal drum, MW-6 purge water/decontamination fluids, 0%
IDW-3, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-4, 55 gal drum, MW-4 purge water/decontamination fluids, 0%
IDW-5, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-6, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-7, 55 gal drum, MW-3 purge water/decontamination fluids, 0%
IDW-8, 55 gal drum, MW-2 purge water/decontamination fluids, 0%
IDW-9, 55 gal drum, MW-2 purge water decontamination fluids, 0%
IDW-10, 55 gal drum, MW-1 purge water/decontamination fluids, 0%
IDW-11, 55 gal drum, MW-1 purge water/decontamination fluids, 0%
IDW-12, 55 gal drum, PPE, 20%
IDW-13, 55 gal drum, Existing Well A; MW-06, 5%
IDW-14, 55 gal drum, Multiple well purge water and decontamination fluids, 50%

NEXT DAY'S PLANNED ACTIVITIES

1 Not Applicable- Task Completed

PREPARED BY: Christine Nancarrow, MWH

REVIEWED BY: Joe Rock, MWH

DAILY FIELD REPORT LOG

Report No.	Date	Activity	Description
01	8/1/2011	Well Development	Water levels/Depth to Bottom measured; Well development of MW-6
02	8/2/2011	Well Development	Well development of MW-4, MW-3, Partial MW-2
03	8/3/2011	Well Development	Completion of development of MW-2, Well development MW-1
04	8/4/2011	Well Developmt/Sampling	Well development of EW-A, Sampling of MW-4
05	8/5/2011	Well Sampling	Sampling of MW-01, MW-02 and MW-03
06	8/6/2011	Well Sampling	Sampling of MW-06, EW-A, EW-B, MW-07 and MW-05.
07	8/6/2011	Well Sampling	

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 1

Photo Location:
Existing Well A

Direction:
Northeast

Survey Date:
8/8/2011

Comments:
View of sampling set up and decontamination station at Existing Well A. The open drum (Drum ID: IDW-12-080311) was used for solid wastes such as used tubing and PPE.

Photograph ID: 2

Photo Location:
Existing Well A

Direction:
West

Survey Date:
8/8/2011

Comments:
View of two Investigative Derived Waste (IDW) drums. The drum on the right was used for well purge water at this location (Drum ID: IDW-13-080811).

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 3

Photo Location:
Existing Well B

Direction:
Southeast

Survey Date:
8/8/2011

Comments:
View of the set up for Existing Well B. The well is located in an employee parking lot and cars remained in place during all sampling activities.

Photograph ID: 4

Photo Location:
Existing Well B

Direction:
West

Survey Date:
8/8/2011

Comments:
Overview of the set-up for Existing Well B.

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 5

Photo Location:
Existing Well B

Direction:
Downward and west

Survey Date:
8/8/2011

Comments:
Closer view of the set up at Existing Well B. Note the 0.00 NTU (turbidity) groundwater discharge from Existing Well B prior to groundwater sample collection (photo center).

Photograph ID: 6

Photo Location:
Existing Well B

Direction:
Downward

Survey Date:
8/8/2011

Comments:
View of the flow cell utilized during the collection of groundwater geochemical parameters.

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 7 **Photo Location:** MW-07 **Direction:** North **Survey Date:** 8/8/2011 **Comments:** Overview of the set up at MW-07.	
Photograph ID: 8 **Photo Location:** MW-07 **Direction:** North **Survey Date:** 8/8/2011 **Comments:** Closer view of the set up at MW-07.	

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 9

Photo Location:
MW-07

Direction:
Downward

Survey Date:
8/8/2011

Comments:
An overview at MW-07 showing the compressed airline (photo center left) and groundwater discharge tube connecting to the flow cell (photo right).

Photograph ID: 10

Photo Location:
MW-07

Direction:
West

Survey Date:
8/8/2011

Comments:
View of the decontamination station for MW-07.

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 11

Photo Location:
MW-07

Direction:
Southwest

Survey Date:
8/8/2011

Comments:
Additional view of MW-07 during geochemical parameter collection prior to sampling.

Photograph ID: 12

Photo Location:
MW-05

Direction:
Southeast

Survey Date:
8/8/2011

Comments:
View of the set up for MW-05. Note traffic delineators were placed around the work area due to high traffic volume and the proximity to the Shipping/Receiving area. The solid waste drum (Drum ID: IDW-12-080311) is visible on a handcart (photo center background).

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 13

Photo Location:
MW-05

Direction:
Northeast

Survey Date:
8/8/2011

Comments:
View of the set up for well sampling at MW-05.

Photograph ID: 14

Photo Location:
MW-05

Direction:
Downward

Survey Date:
8/8/2011

Comments:
Closer view of the set up at MW-05.

MWH

Photographic Log

Client:	**GE Aviation**	**Project:**	**1010884.010104**
Site Name:	**GE Yakima**	**Site Location:**	**Yakima, WA**

Photograph ID: 15

Photo Location:
MW-05

Direction:
East

Survey Date:
8/8/2011

Comments:
View of 0.00 NTU (turbidity) groundwater discharge from MW-05 prior to sample collection (photo center).

Projects (continued)

1010384 GE Aviation - Yakima WA 3/10/2011

Sunny, heavy winds, 40°F

7:40a MWH on-site safety (Justin Peterson, Melissa Sabga)
Cascade drilling on-site safety Steve Wiskes

8a Health and safety meeting with DeAndre (GE)

810a Monitoring well locations ? ~~Flag~~ Boring locations flagged

10 MWH / Cascade Tailgate Safety Meeting

11 Begin Sampling at MW1

Sample ID		Time	Date
YK-MW-1 (0-1)		1100	3/10/11
YK-MW-1 (4-5)		1105	3/10/11
YK-MW-1 (4-5) Dup		1105	3/10/11
YK-MW-2 (0-1)		1215	3/10/11
YK-MW-2 (4-5		1225	3/10/11
YK-MW-3 (0-1)		1250	3/10/11
YK-MW-31(0-1)	note: dup	1250	3/10/11
YK-MW-3 (4-5)		1310	3/10/11
YK-MW-4 (0-1)		1415	3/10/11
YK-MW-4 (4-5)		1430	3/10/11
YK-SB05 (0-1)		1340	3/10/11
YK-SB05 (5-6)		1350	3/10/11
YK-SB09 (0-1)		1510	3/10/11
YK-SB09D (0-1)		1510	3/10/11

SMS

1010884 GE AVIATION, YAKIMA WA 3/10/2011

Sample ID	Time	Date
YK-SB09 (4-5)	1520	3/10/2011

All samples listed above and on previous page were dropped off at FedEx for shipping to Test America at 1600.

Sample ID	Time	Date
YK-SB08 (0-1)	1530	3/10/2011
YK-SB08 (4-5)	1540	3/10/2011
YK-SB14 (0-1)	1604	3/10/2011
YK-SB14 (4-5)	1615	3/10/11
YK-SB06 (0-1)	1640	3/10/11
YK-SB06 (4-5)	1650	3/10/11
YK-SB15 (0-1)	1710	3/10/11
YK-SB15 (4-5)	1725	3/10/11

The last sample was taken at 1725.
1745 MWH & Cascade Drilling left site safely.

MT

1010844 GE AVIATION, YAKIMA WA 3/11/11

700 MWH and Cascade Drilling arrived on site safely

710 Tailgate safety meeting

32°F Overcast

First sample collected at 737

Sample ID	Time	Date
YK-MW-7 (0-1)	737	3/11/11
YK-MW-7 (4-5)	745	3/11/11
YK-MW-5 (0-1)	830	3/11/11
YK-MW-5 (2-3)	835	3/11/11
YK-SB16 (0-1)	845	3/11/11
YK-SB16 (3-4)	900	3/11/11
YK-SB17 (0-1)	920	3/11/11
YK-SB17 (0-1) D	921	3/11/11
YK-SB17 (3-4)	930	3/11/11
YK-SB18 (0-1)	945	3/11/11
YK-SB18 (3-4)	950	3/11/11
YK-MW-6 (0-1)	1015	3/11/11
YK-MW-6 (4-5)	1020	3/11/11
YK-MW-6 (4-5) D	1021	3/11/11
YK-SB07 (0-1)	1045	3/11/11
YK-SB07 (3-4)	1055	3/11/11
YK-SB01 (0-1)	1105	3/11/11

SMA

1010884 GE AVIATION, YAKIMA WA 3/11/11

Sample ID	Time	Date
SB01 (4-5)	1115	3/11/11
YK-SB02 (0-1)	1130	3/11/11
YK-SB02 (3-4)	1140	3/11/11
YK-SB03 (0-1)	1205	3/11/11
YK-SB03 (3-4)	1215	3/11/11
YK-SB04 (0-1)	1226	3/11/11
YK-SB04 (4-5)	1230	3/11/11
YK-SB13 (0-1)	1410	3/11/11
YK-SB13 (7-8)	1430	3/11/11
		3/11/11

Samples listed above were shipped to Test America via Fed Ex at approximately 1600.

Sample ID	Time	Date
YK-SB11 (0-1)	1730	3/11/11
YK-SB11 (3-4)	1750	3/11/11
YK-SB12 (0-1)	1755	3/11/11
YK-SB10 (0-1)	1817	3/11/11

Note:
Indoor samples were difficult to drill. Refusal sample

1830 MWH & Cascade left site safely

1010884 GE AVIATION, YAKIMA WA 3/12/11

0700 MWH & Cascade Drilling on-site safety Tailgate Safety meeting

0745 Cascade Drilling began to patch holes inside the facility (SB10, SB11, SB12) and began installing and developing monitoring wells.

0745 Justin Peterson (MWH) left for Tacoma to drop samples off at Test America

0830 Cascade Drilling completed fill of indoor boring holes (used cement only due to the shallowness of hole)

Sample ID	Time	Date
Irrigation Well	1330	3/12/11

Drillers completed well installation at 1330.
Drillers completed well development at 1600.
Drillers left site safely at 1630.

Sample ID	Notes	Time	Date
YK-MW-8A	(Adj. Property near ent.)	1540	3/12/11
YK-MW-8B	(Adj. Property mid property)	1700	3/12/11
Trip Blank			3/12/11

MWH left site safely 1730

1010884 GE AVIATION, YAKIMA WA 3/13/11

37°F Overcast, no wind

730am MWH arrived on-site safety

740am Tailgate Health and safety meeting

Sample ID		Time	Date
YK-IDW-Soil		813	3/13/11
YK-MW-1		900	3/13/11
YK-MW-11	(Dup for MW-1)	900	3/13/11
YK-MW-2	MS/MSD	940	3/13/11
YK-MW-3		1015	3/13/11
YK-MW-4		1124	3/13/11
YK-MW-8		1201	3/13/11
YK-MW-5		1355	3/13/11
YK-MW-6		1450	3/13/11
YK-IDW-GW		1530	3/13/11
YK-Equipment Blank		1500	3/13/11

MWH left site safely

1010884 GE AVIATION, YAKIMA WA

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB01
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location | County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB01

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) March 11, 2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB02
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB02

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) March 11, 2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Claclkmas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB03
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location | County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB03

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) March 11, 2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB04
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location | County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB04

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB05
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location | County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB05

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 10, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/10/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB06
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB06

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 10, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/10/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB07
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB07

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB08
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB08

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 10, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/10/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB09
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB09

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 10, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/10/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB10
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB10

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 4 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	4	13 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB11
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location | County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB11

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 4 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	4	13 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB12
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB12

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 4 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

For monitoring wells and monitoring well boreholes only

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	4	13 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB13
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB13

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

For monitoring wells and monitoring well boreholes only

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB14
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location | County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB14

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 10, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/10/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB15
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB15

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 10, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/10/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB16
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB16

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB17
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB17

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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WELL/DRILLHOLE/BOREHOLE ABANDONMENT

MWH

Project Name: GE Aviation Phase II | Well No.: SB18
Location: Yakima, WA | Project No.: 1010884.010102
Supervised By: Justin Peterson | Checked By: Steve Wiskes

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location | County: Yakima

___ 1/4 of ___ 1/4 of Sec. ___ ; T ___ N; R. ___ ☐ E ☐ W

(If applicable)
___ Gov't Lot ___ Grid Number

Grid Location
___ ft ☐ N ☐ S, ___ ft. ☐ E ☐ W

Civil Town Name

Street Address of Well
2720 West Washington Avenue

City, Village
Yakima, WA

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner
GE Aviation

Street or Route
2720 W Wshington Avenue

City, State, Zip Code
Yakima, WA 98903

Facility Well No. and/or Name (If Applicable)
SB18

Reason for Abandonment
soil sampling completed

Date of Abandonment
March 11, 2011

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed on

(Date) 3/11/2011

☐ Monitoring Well
☐ Water Well
☐ Drillhole
■ Borehole

Construction Report Available?
☐ Yes ■ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) hydraulic probe

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 10 Casing Diameter (ins.) 2
(From groundsurface)

Casing Depth (ft.) Not applicable

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ___ Feet

(4) Depth to Water (Feet) ___

Pump & Piping Removed? ☐ Yes ☐ No ■ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ■ Not Applicable
Screen Removed? ☐ Yes ☐ No ■ Not Applicable
Casing Left in Place? ☐ Yes ■ No
If No, Explain soil boring - no casing used

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ■ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ■ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☐ Other (Explain)

(6) Sealing Materials

☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
■ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☐ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
3/8 inch bentonite chips	Surface	10	25 lbs	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Brook King

Signature of Person Doing Work | Date Signed

Street or Route
13600 Southeast Ambler Road

Telephone Number
(503) 775-4118

City, State, Zip Code
Clackamas, Oregon 97015

Drilling Contractor: Cascade Drilling

Driller's Name: Brook King

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MWH HEALTH HAZARD ASSESSMENT AND EQUIPMENT CALIBRATION SHEET

CLIENT: GE-Aviation **PROJECT SITE:** GE-Aviation - Yakima, WA

COMMENTS: No known contaminants, potential for solvents (TCE)

DATE / TIME / INITIALS	INSTRUMENT (MAKE AND MODEL)	SERIAL OR ID NUMBER	CALIBRATION GAS OR SUBSTANCE	CONCEN-TRATION OR VALUE	INSTRUMENT READING	COMMENTS	OK?
3/10/11/10 Am/SRW	Mini-Rae 3000		Isobutylene	100 ppm	98 ppm		yes
3/11/11/6 am/SRW	Mini Rae 3000		Isobutylene	100 ppm	95 ppm		yes
3/12/11/7 Am/SRW	mini. Rae 3000		Isobutylene	100 ppm	98 ppm		yes
3/13/11/6:30/SRW	mini. Rae 3000		Isobutylene	100 ppm	99 ppm		yes

TAILGATE SAFETY MEETING FORM

Date: 3/10/11 Time: 10:30 Job Number: 1010884

Client: GG - Aviation

Site Specific Location: Yakima, WA

Safety Topics Presented

Protective Clothing/Equipment: hard hat, steel toe, safety glasses

Chemical Hazards: – solvents

Physical Hazards: slip, trip, fall, Rotating equip

Special Equipment: hydraulic probe, drill rig

Other (IIPP):

Emergency Procedures:

Hospital: Yakima Memorial Phone: (509) 575-6000 Ambulance Phone: 911

Hospital Address and Route: left on W. Washington, Right on S 40th Ave, Right on Nelson Dr

ATTENDEES

NAME PRINTED	SIGNATURE
Joe Stalock	
Chris Baker	
Todd Mecham	
Zane Shadrick	
Brooke King	
Justin Peterson	
Melissa Sabga	
Simon Bluestone	

Meeting Conducted By: Steve Wickes

Name Printed Signature

On-Site Safety Officer: Steve Wickes Project Manager: Mike Cira

TAILGATE SAFETY MEETING FORM

Date: 3/11/2011 Time: 6:30 Job Number: 1010884.010102

Client: GE-Aviation

Site Specific Location: 2808 W. Washington Yakima, WA

Safety Topics Presented

Protective Clothing/Equipment: hard hat, safety glasses, steel-toed boots

Chemical Hazards: potential solvents

Physical Hazards: slip trip fall, rotating parts & augers

Special Equipment: drill rigs, hydraulic probe

Other (IIPP):

Emergency Procedures:

Hospital: Yakima Valley Memorial Hosp Phone: (509) 575-8000 Ambulance Phone: 911

Hospital Address and Route:

ATTENDEES

NAME PRINTED	SIGNATURE
Zane Shanklin	
Brook King	
Melissa Sabogal	
Justin Peterson	
Joe Stalock	
Chris Baker	
Tyler Dow	

Meeting Conducted By: Steve Wiskes (Name Printed) Steve Wiskes (Signature)

On-Site Safety Officer: Steve Wiskes Project Manager: Mike Cig

TAILGATE SAFETY MEETING FORM

Date: 3/17/11 Time: 7:20 Job Number: 610884

Client: GE-Aviation

Site Specific Location: Yakima, WA

Safety Topics Presented

Protective Clothing/Equipment: hardhat, steeltoes, safety glasses, vest

Chemical Hazards: solvent

Physical Hazards: slip, trip, fall, rotating parts

Special Equipment: hydraulic probe, drill rig

Other (IIPP):

Emergency Procedures:

Hospital: Yakima Memorial Phone: (509) 575-6200 Ambulance Phone: 911

Hospital Address and Route:

ATTENDEES

NAME PRINTED	SIGNATURE
Justin Peterson	
JOE Stalock	
Chris Baker	
Zane Shadrick	
TYLER DAY	
Brooke Ling	

Meeting Conducted By: Steve Wickes (Name Printed) Steve Wickes (Signature)

On-Site Safety Officer: Steve Wickes Project Manager: Mike Cira

TAILGATE SAFETY MEETING FORM

Date: 3/13/11 Time: 8:00 Job Number: 10108864

Client: GE Aviation

Site Specific Location: Yakima, WA

Safety Topics Presented

Protective Clothing/Equipment: steel toed boots, vests, glaves

Chemical Hazards: potential solvents

Physical Hazards: slip, trip, fall, traffic

Special Equipment: generator, grundfos pump

Other (IIPP):

Emergency Procedures:

Hospital: Yakima Memorial Phone: (509) 575-6000 Ambulance Phone: 911

Hospital Address and Route:

ATTENDEES

NAME PRINTED	SIGNATURE
Justin Petersen	
Melissa Subga	

Meeting Conducted By: Steve Lushes (Name Printed) Steve Lushes (Signature)

On-Site Safety Officer: Steve Lushes Project Manager: Mike Ciraq

Facility/Project Name: GE Aviation Yakima, WA, Phase II

Facility License, Permit or Monitoring No.:

Facility ID:

Type of Well: Well Code: Monitoring well

Distance from Waste/Source: ft. Enf. Stds. Apply ☐

Local Grid Location of Well: ☐ N. ft. ☐ S. ☐ E. ft. ☐ W.

Local Grid Origin: (estimated: or Well Location) Lat. Long. or

St. Plane 451779.392 ft. N 1629403.665 ft. E. S/C/N

Section Location of Waste/Source: NW NW , T. N.R. ☐ E. ☐ W.

Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ■ Not Known

Gov. Lot Number:

Well Name: MW-1

Unique Well No.: Well ID No.:

Date Well Installed: '3/11/2011

Well Installed By: (Name (first, last) and Firm): Joe Staloch/cascade Drilling

A. Protective pipe, top elevation 1072.67 ft. MSL

B. Well casing, top elevation 1072.27 ft. MSL

C. Land surface elevation 1072.67 ft. MSL

D. Surface Seal, bottom 1071.67 ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01; Drilling Mud ☐ 03 None ■ 99

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1071.67 ft. MSL or 1.0 ft.

F. Fine sand, top 1068.67 ft. MSL or 4.0 ft.

G. Filter pack, top 1068.67 ft. MSL or 4.0 ft.

H. Screen joint, top 1067.17 ft. MSL or 5.5 ft.

I. Well bottom 1057.17 ft. MSL or 15.5 ft.

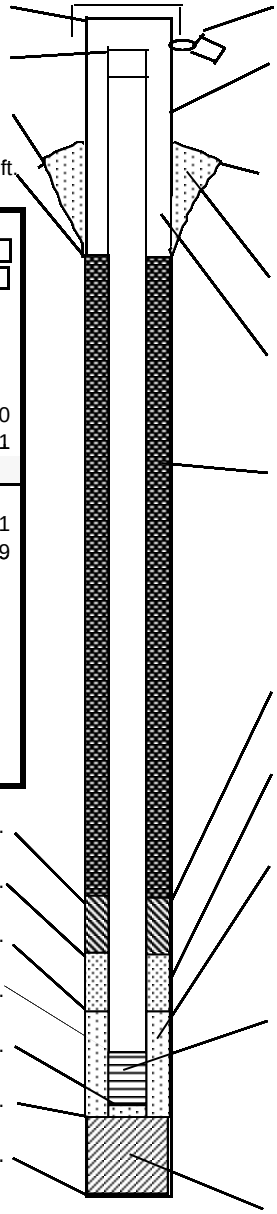
J. Filter pack, bottom 1057.17 ft. MSL or 15.5 ft.

K. Borehole, bottom 1057.17 ft. MSL or 15.5 ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing 2.25 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ■ 04; Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐

4. Material between well casing and protective pipe: Bentonite ☐ 30; Annular space seal ☐; concrete Other ■

5. Annular space seal: a. Granular Bentonite ☐ 33
b. Lbs/gal mud weight..Bentonite-sand slurry ☐ 35
c. Lbs/gal mud weight.....Bentonite slurry ☐ 31
d. % Bentonite.....Bentonite-cement grout ☐ 50
e. Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in ■ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. bentonite chips Other ■

7. Fine sand material: Manufacturer, product name & mesh s
a. none
b. Volume added none ft³

8. Filter pack material: Manufacturer, product name & mesh
a. Cemex #2/12
b. Volume added 3.5 ft³

9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ■ 11; Continuous slot ☐ 01; Other ☐
b. Manufacturer Env. Mfc, Inc.
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 14; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowlege.

Signature

Firm: MWH

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Facility/Project Name GE Aviation Yakima, WA, Phase II	Local Grid Location of Well ☐ N. ☐ E. ft. ☐ S. ft. ☐ W.	Well Name MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: or Well Location Lat. Long. or	Unique Well No. / Well ID No.
Facility ID	St. Plane 451622.478 ft. N, 1629414.285 ft. E. S/C/N	Date Well Installed '3/11/2011
Type of Well Well Code Monitoring well	Section Location of Waste/Source NW NW , T. N.R. ☐ E. ☐ W.	Well Installed By: (Name (first, last) and Firm Joe Staloch/cascade Drilling
Distance from Waste/ Source ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ■ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 1072.90 ft. MSL

B. Well casing, top elevation 1072.42 ft. MSL

C. Land surface elevation 1072.90 ft. MSL

D. Surface Seal, bottom 1071.90 ft. MSL or 1.0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ■ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ■ 99

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1071.90 ft. MSL or 1.0 ft.

F. Fine sand, top 1068.90 ft. MSL or 4.0 ft.

G. Filter pack, top 1068.90 ft. MSL or 4.0 ft.

H. Screen joint, top 1067.40 ft. MSL or 5.5 ft.

I. Well bottom 1057.40 ft. MSL or 15.5 ft.

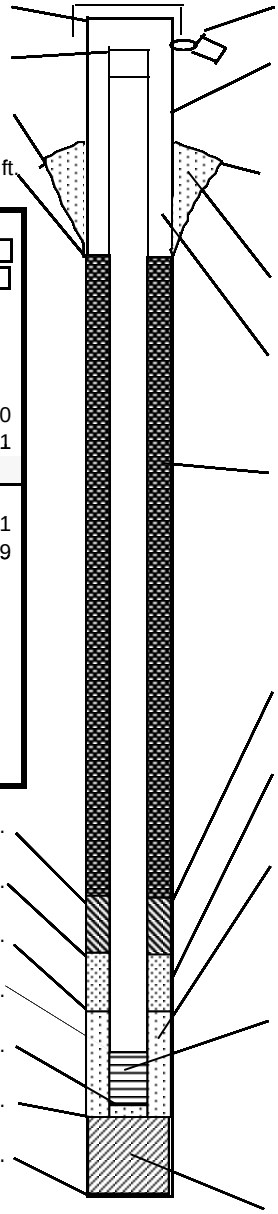
J. Filter pack, bottom 1057.40 ft. MSL or 15.5 ft.

K. Borehole, bottom 1057.40 ft. MSL or 15.5 ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing 2.25 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ■ 04
Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30
Concrete ■ 01
Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 30
Annular space seal ☐
concrete Other ■

5. Annular space seal: a. Granular Bentonite ☐ 33
b. Lbs/gal mud weight..Bentonite-sand slurry ☐ 35
c. Lbs/gal mud weight.....Bentonite slurry ☐ 31
d. % Bentonite.....Bentonite-cement grout ☐ 50
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in ■ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. bentonite chips Other ■

7. Fine sand material: Manufacturer, product name & mesh s
a. none
b. Volume added none ft^3

8. Filter pack material: Manufacturer, product name & mesh
a. Cemex #2/12
b. Volume added 3.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ■ 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer Env. Mfc, Inc.
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 14
Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowlege.

Signature	Firm
	MWH

M:\Groups\Forms\mwconst.xls

Facility/Project Name GE Aviation Yakima, WA, Phase II	Local Grid Location of Well ☐ N. ☐ E. ft. ☐ S. ft. ☐ W.	Well Name MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: or Well Location Lat. Long. or	Unique Well No. / Well ID No.
Facility ID	St. Plane 451495.867 ft. N, 1629418.995 ft. E. S/C/N	Date Well Installed '3/11/2011
Type of Well Well Code Monitoring well	Section Location of Waste/Source NW NW , T. N.R. ☐ E. ☐ W.	Well Installed By: (Name (first, last) and Firm Joe Staloch/cascade Drilling
Distance from Waste/ Source ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ■ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 1071.55 ft. MSL

B. Well casing, top elevation 1070.97 ft. MSL

C. Land surface elevation 1071.55 ft. MSL

D. Surface Seal, bottom 1070.55 ft. MSL or 1.0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ■ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ■ 99

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1070.55 ft. MSL or 1.0 ft.

F. Fine sand, top 1068.05 ft. MSL or 3.5 ft.

G. Filter pack, top 1068.05 ft. MSL or 3.5 ft.

H. Screen joint, top 1066.55 ft. MSL or 5.0 ft.

I. Well bottom 1056.55 ft. MSL or 15.0 ft.

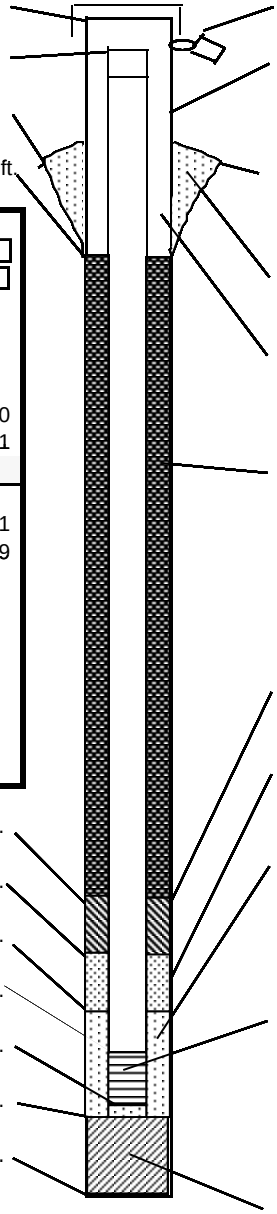
J. Filter pack, bottom 1056.55 ft. MSL or 15.0 ft.

K. Borehole, bottom 1056.55 ft. MSL or 15.0 ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing 2.25 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ■ 04
Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30
Concrete ■ 01
Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 30
Annular space seal ☐
concrete Other ■

5. Annular space seal: a. Granular Bentonite ☐ 33
b. ___ Lbs/gal mud weight..Bentonite-sand slurry ☐ 35
c. ___ Lbs/gal mud weight.....Bentonite slurry ☐ 31
d. ___ % Bentonite.....Bentonite-cement grout ☐ 50
e. ___ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in ■ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. bentonite chips Other ■

7. Fine sand material: Manufacturer, product name & mesh s
a. none
b. Volume added none ft^3

8. Filter pack material: Manufacturer, product name & mesh
a. Cemex #2/12
b. Volume added 3.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ■ 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer Env. Mfc, Inc.
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 14
Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowlege.

Signature	Firm
	MWH

M:\Groups\Forms\mwconst.xls

Facility/Project Name GE Aviation Yakima, WA, Phase II	Local Grid Location of Well ☐ N. ☐ E. ft. ☐ S. ft. ☐ W.	Well Name MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: or Well Location Lat. Long. or	Unique Well No. / Well ID No.
Facility ID	St. Plane 451372.978 ft. N, 1629221.067 ft. E. S/C/N	Date Well Installed '3/11/2011
Type of Well Well Code Monitoring well	Section Location of Waste/Source NW NW , T. N.R. ☐ E. ☐ W.	Well Installed By: (Name (first, last) and Firm Joe Staloch/cascade Drilling
Distance from Waste/ Source ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ■ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 1072.28 ft. MSL

B. Well casing, top elevation 1071.98 ft. MSL

C. Land surface elevation 1072.28 ft. MSL

D. Surface Seal, bottom 1071.28 ft. MSL or 1.0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ■ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ■ 99

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1071.28 ft. MSL or 1.0 ft.

F. Fine sand, top 1068.78 ft. MSL or 3.5 ft.

G. Filter pack, top 1068.78 ft. MSL or 3.5 ft.

H. Screen joint, top 1067.28 ft. MSL or 5.0 ft.

I. Well bottom 1057.28 ft. MSL or 15.0 ft.

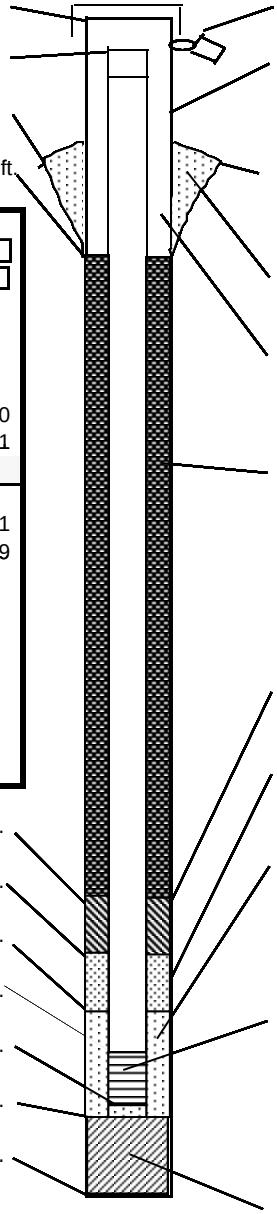
J. Filter pack, bottom 1057.28 ft. MSL or 15.0 ft.

K. Borehole, bottom 1057.28 ft. MSL or 15.0 ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing 2.25 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ■ 04
Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30
Concrete ■ 01
Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 30
Annular space seal ☐
concrete Other ■

5. Annular space seal: a. Granular Bentonite ☐ 33
b. Lbs/gal mud weight..Bentonite-sand slurry ☐ 35
c. Lbs/gal mud weight.....Bentonite slurry ☐ 31
d. % Bentonite.....Bentonite-cement grout ☐ 50
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in ■ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. bentonite chips Other ■

7. Fine sand material: Manufacturer, product name & mesh s
a. none
b. Volume added none ft^3

8. Filter pack material: Manufacturer, product name & mesh
a. Cemex #2/12
b. Volume added 3.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ■ 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer Env. Mfc, Inc.
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 14
Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowlege.

Signature	Firm
	MWH

M:\Groups\Forms\mwconst.xls

Facility/Project Name GE Aviation Yakima, WA, Phase II	Local Grid Location of Well ☐ N. ☐ E. ft. ☐ S. ft. ☐ W.	Well Name MW-5
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: or Well Location Lat. Long. or	Unique Well No. / Well ID No.
Facility ID	St. Plane 451590.278 ft. N, 1628782.811 ft. E. S/C/N	Date Well Installed '3/12/2011
Type of Well Well Code Monitoring well	Section Location of Waste/Source NW NW , T. N.R. ☐ E. ☐ W.	Well Installed By: (Name (first, last) and Firm Joe Staloch/cascade Drilling
Distance from Waste/ Source ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ■ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 1075.89 ft. MSL

B. Well casing, top elevation 1075.44 ft. MSL

C. Land surface elevation 1075.89 ft. MSL

D. Surface Seal, bottom 1074.89 ft. MSL or 1.0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ■ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ■ 99

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1074.89 ft. MSL or 1.0 ft.

F. Fine sand, top 1072.59 ft. MSL or 3.3 ft.

G. Filter pack, top 1072.59 ft. MSL or 3.3 ft.

H. Screen joint, top 1071.09 ft. MSL or 4.8 ft.

I. Well bottom 1061.09 ft. MSL or 14.8 ft.

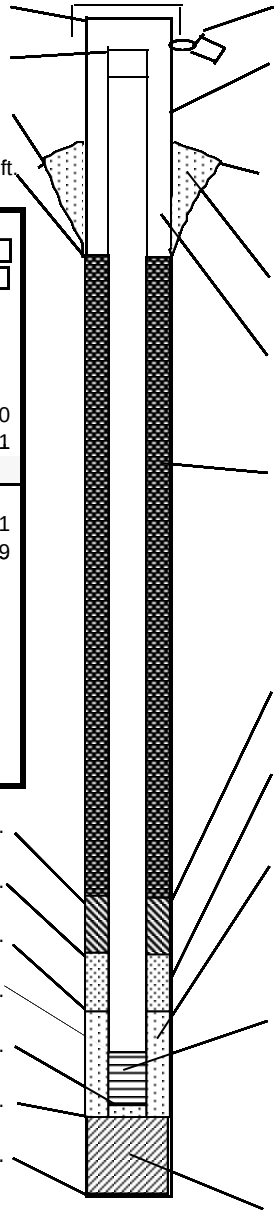
J. Filter pack, bottom 1061.09 ft. MSL or 14.8 ft.

K. Borehole, bottom 1061.09 ft. MSL or 14.8 ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing 2.25 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ■ 04
Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30
Concrete ■ 01
Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 30
Annular space seal ☐
concrete Other ■

5. Annular space seal: a. Granular Bentonite ☐ 33
b. ___ Lbs/gal mud weight..Bentonite-sand slurry ☐ 35
c. ___ Lbs/gal mud weight.....Bentonite slurry ☐ 31
d. ___ % Bentonite.....Bentonite-cement grout ☐ 50
e. ___ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in ■ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. bentonite chips Other ■

7. Fine sand material: Manufacturer, product name & mesh s
a. none
b. Volume added none ft^3

8. Filter pack material: Manufacturer, product name & mesh
a. Cemex #2/12
b. Volume added 3.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ■ 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer Env. Mfc, Inc.
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 14
Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowlege.

Signature	Firm
	MWH

M:\Groups\Forms\mwconst.xls

Facility/Project Name GE Aviation Yakima, WA, Phase II	Local Grid Location of Well ☐ N. ☐ E. ft. ☐ S. ft. ☐ W.	Well Name MW-6
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: or Well Location Lat. Long. or	Unique Well No. / Well ID No.
Facility ID	St. Plane 451751.958 ft. N, 1628811.845 ft. E. S/C/N	Date Well Installed '3/12/2011
Type of Well Well Code Monitoring well	Section Location of Waste/Source NW NW , T. N.R. ☐ E. ☐ W.	Well Installed By: (Name (first, last) and Firm Joe Staloch/cascade Drilling
Distance from Waste/ Source ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ■ Not Known	Gov. Lot Number

A. Protective pipe, top elevation 1076.77 ft. MSL

B. Well casing, top elevation 1076.64 ft. MSL

C. Land surface elevation 1076.77 ft. MSL

D. Surface Seal, bottom 1075.77 ft. MSL or 1.0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ■ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ■ 99

16. Drilling additives used? ☐ Yes ■ No

Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1075.77 ft. MSL or 1.0 ft.

F. Fine sand, top 1073.27 ft. MSL or 3.5 ft.

G. Filter pack, top 1073.27 ft. MSL or 3.5 ft.

H. Screen joint, top 1071.77 ft. MSL or 5.0 ft.

I. Well bottom 1061.77 ft. MSL or 15.0 ft.

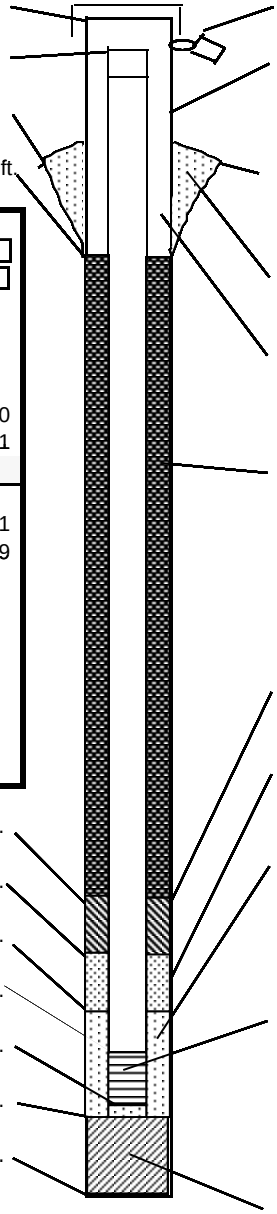
J. Filter pack, bottom 1061.77 ft. MSL or 15.0 ft.

K. Borehole, bottom 1061.77 ft. MSL or 15.0 ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing 2.25 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ■ 04
Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:

3. Surface seal: Bentonite ☐ 30
Concrete ■ 01
Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 30
Annular space seal ☐
concrete Other ■

5. Annular space seal: a. Granular Bentonite ☐ 33
b. ___ Lbs/gal mud weight..Bentonite-sand slurry ☐ 35
c. ___ Lbs/gal mud weight.....Bentonite slurry ☐ 31
d. ___ % Bentonite.....Bentonite-cement grout ☐ 50
e. ___ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in ■ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. bentonite chips Other ■

7. Fine sand material: Manufacturer, product name & mesh s
a. none
b. Volume added none ft^3

8. Filter pack material: Manufacturer, product name & mesh
a. Cemex #2/12
b. Volume added 3.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ■ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ■ 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer Env. Mfc, Inc.
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ■ 14
Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowlege.

Signature	Firm
	MWH

M:\Groups\Forms\mwconst.xls

Facility/Project Name
GE Aviation Yakima, WA, Phase II

Facility License, Permit or Monitoring No.

Facility ID

Type of Well
Well Code Monitoring well

Distance from Waste/ Source ft. Enf. Stds. Apply ☐

Local Grid Location of Well
☐ N. ft. ☐ S. ☐ E. ft. ☐ W.

Local Grid Origin (estimated: or Well Location
Lat. Long. or

St. Plane 451524.336 ft. N, 1628751.797 ft. E. S/C/N

Section Location of Waste/Source ☐ E. ☐ W.
NW NW , T. N.R.

Location of Well Relative to Waste/Source
u ☐ Upgradient s ☐ Sidegradient
d ☐ Downgradient n ■ Not Known

Gov. Lot Number

Well Name
MW-7

Unique Well No. Well ID No.

Date Well Installed
'3/12/2011

Well Installed By: (Name (first, last) and Firm
Joe Staloch/cascade Drilling

A. Protective pipe, top elevation 1075.85 ft. MSL
B. Well casing, top elevation 1075.77 ft. MSL
C. Land surface elevation 1075.85 ft. MSL
D. Surface Seal, bottom 1074.85 ft. MSL or 1.0 ft

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ■ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

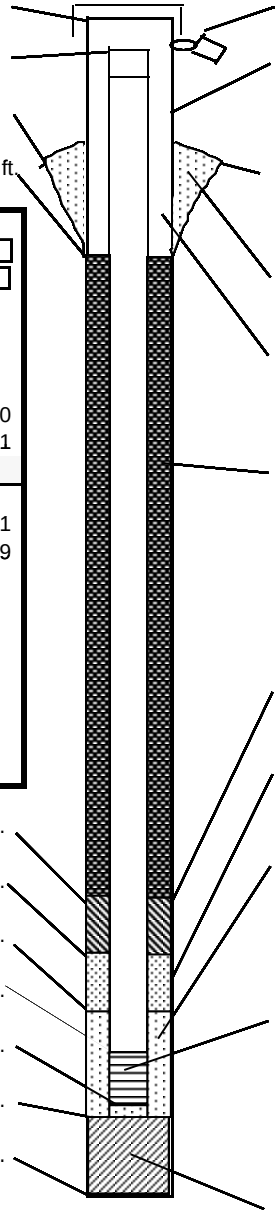
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ■ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ■ 99

16. Drilling additives used? ☐ Yes ■ No
Describe

17. Source of water (attach analysis, if required):

E. Bentonite seal, top 1074.85 ft. MSL or 1.0 ft.
F. Fine sand, top 1072.35 ft. MSL or 3.5 ft.
G. Filter pack, top 1072.35 ft. MSL or 3.5 ft.
H. Screen joint, top 1070.85 ft. MSL or 5.0 ft.
I. Well bottom 1060.85 ft. MSL or 15.0 ft.
J. Filter pack, bottom 1060.85 ft. MSL or 15.0 ft.
K. Borehole, bottom 1060.85 ft. MSL or 15.0 ft.
L. Borehole, diameter 8.3 in.
M. O.D. well casing 2.25 in.
N. I.D. well casing 2.00 in.



1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ■ 04
Other ☐
d. Additional protection? ☐ Yes ■ No
If yes, describe:
3. Surface seal: Bentonite ☐ 30
Concrete ■ 01
Other ☐
4. Material between well casing and protective pipe:
Bentonite ☐ 30
Annular space seal ☐
concrete Other ■
5. Annular space seal: a. Granular Bentonite ☐ 33
b. Lbs/gal mud weight..Bentonite-sand slurry ☐ 35
c. Lbs/gal mud weight.....Bentonite slurry ☐ 31
d. % Bentonite.....Bentonite-cement grout ☐ 50
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in ■ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. bentonite chips Other ■
7. Fine sand material: Manufacturer, product name & mesh s
a. none
b. Volume added none ft^3
8. Filter pack material: Manufacturer, product name & mesh
a. Cemex #2/12
b. Volume added 3.5 ft^3
9. Well casing: Flush threaded PVC schedule 40 ■ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐
10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ■ 11
Continuous slot ☐ 01
Other ☐
b. Manufacturer Env. Mfc, Inc.
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ■ 14
Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowlege.

Signature

Firm
MWH

M:\Groups\Forms\mwconst.xls

MONITORING WELL DEVELOPMENT SUMMARY

MWH

Project Name	GE Aviation Phase II	Well No.	MW-1
Location	Yakima, WA	Project No.	1010884.0101020
Developed By	Tyler Day/Cascade Drilling	Checked By	Steve Wiskes

1. Can this well be purged dry? ☐ Yes ■ No

2. Well development method

surged with bailer and bailed	☐
surged with bailer and pumped	☐
surged with block and bailed	☐
surged with block and pumped	■
surged with block, bailed and pumped	☐
compressed air	☐
bailed only	☐
pumped only	☐
pumped slowly	☐
Other	☐

3. Time spent developing well: 45 min.

4. Total well depth (TOC): 150.0 ft.
(From well construction summary)

Measured well depth (Before): 150.0 ft.

Measured well depth (After): 150.0 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 1.6 gal.

7. Volume of water removed from well: 150.0 gal.

Relative recovery rate: Unknown ft. per. _____ min.

8. Volume of water added (if any): 0. gal.

9. Source of water added: _____

	Before Development	After Development
10 Depth to Water (from top of well casing) a.	7.52 ft.	7.55 ft.
Date: b.	3 / 12 / 11 (mm dd yy)	3 / 12 / 11 (mm dd yy)
Time: c.	7 : 45 ■ a.m. ☐ p.m.	8 : 45 ■ a.m. ☐ p.m.
11 Sediment in well bottom:	0. inches	0. inches
12 Water Observations:	Clear ☐ Turbid ■ (Describe)	Clear ■ Turbid ☐ (Describe)
Color	light brown	clear
Odor	none	none
Turbidity	slight	very slight
HNu		

Filter Pack Vol. (gallons) $0.057(R^2 - r^2)ls$ = 0.4

Well casing Vol. (gallons) $0.16r^2 l$ = 1.2

Saturated length of sand pack (ft.) (ls) = 7.5

Length of water column (ft.) (l) = 7.5

R = Radius of borehole (in.) r = Well radius (in.)

Collect groundwater sample if drilling fluids were used and well is at solid waste facility:

13 Total suspended solids (500 ml Unfiltered)	_____ mg/l	_____ mg/l
14. COD (250 ml Unfiltered Sulfuric)	_____ mg/l (BEFORE)	_____ mg/l (AFTER)

Time	Gallons Purged	pH	Spec. Cond.	T deg. C	Spec. Cond. at 25 deg. C	Color	Odor	Turb.	Comment

MONITORING WELL DEVELOPMENT SUMMARY

MWH

Project Name	GE Aviation Phase II	Well No.	MW-2
Location	Yakima, WA	Project No.	1010884.0101020
Developed By	Tyler Day/Cascade Drilling	Checked By	Steve Wiskes

1. Can this well be purged dry? ☐ Yes ■ No

2. Well development method

surged with bailer and bailed	☐
surged with bailer and pumped	☐
surged with block and bailed	☐
surged with block and pumped	■
surged with block, bailed and pumped	☐
compressed air	☐
bailed only	☐
pumped only	☐
pumped slowly	☐
Other	☐

3. Time spent developing well: 30 min.

4. Total well depth (TOC): 15.0 ft.
(From well construction summary)

Measured well depth (Before): 15.0 ft.

Measured well depth (After): 15.0 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 1.6 gal.

7. Volume of water removed from well: 15.0 gal.

Relative recovery rate: Unknown ft. per. _____ min.

8. Volume of water added (if any): 0. gal.

9. Source of water added: _____

	Before Development	After Development
10 Depth to Water (from top of well casing) a.	7.68 ft.	7.68 ft.
Date: b.	3 / 12 / 11 (mm dd yy)	3 / 12 / 11 (mm dd yy)
Time: c.	8 : 30 ■ a.m. ☐ p.m.	9 : 15 ■ a.m. ☐ p.m.
11 Sediment in well bottom:	0. inches	0. inches
12 Water Observations:	Clear ☐ Turbid ■ (Describe)	Clear ☐ Turbid ■ (Describe)
Color	brown	light brown
Odor	none	none
Turbidity	very turbid	slight
HNu		

Filter Pack Vol. (gallons) $0.057(R^2 - r^2)ls$ = 0.4

Well casing Vol. (gallons) $0.16r^2 l$ = 1.2

Saturated length of sand pack (ft.) (ls) = 7.3

Length of water column (ft.) (l) = 7.3

R = Radius of borehole (in.) r = Well radius (in.)

Collect groundwater sample if drilling fluids were used and well is at solid waste facility:

13 Total suspended solids (500 ml Unfiltered)	_____ mg/l	_____ mg/l
14. COD (250 ml Unfiltered Sulfuric)	_____ mg/l (BEFORE)	_____ mg/l (AFTER)

Time	Gallons Purged	pH	Spec. Cond.	T deg. C	Spec. Cond. at 25 deg. C	Color	Odor	Turb.	Comment

MONITORING WELL DEVELOPMENT SUMMARY

MWH

Project Name	GE Aviation Phase II	Well No.	MW-3
Location	Yakima, WA	Project No.	1010884.0101020
Developed By	Tyler Day/Cascade Drilling	Checked By	Steve Wiskes

1. Can this well be purged dry? ☐ Yes ■ No

2. Well development method

- surged with bailer and bailed ☐
- surged with bailer and pumped ☐
- surged with block and bailed ☐
- surged with block and pumped ■
- surged with block, bailed and pumped ☐
- compressed air ☐
- bailed only ☐
- pumped only ☐
- pumped slowly ☐
- Other ☐

3. Time spent developing well: 45 min.

4. Total well depth (TOC) (From well construction summary): 146 ft.

Measured well depth (Before): 146 ft.

Measured well depth (After): 146 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 1.8 gal.

7. Volume of water removed from well: 150 gal.

Relative recovery rate: Unknown ft. per. _____ min.

8. Volume of water added (if any): 0. gal.

9. Source of water added: _____

	Before Development	After Development
10 Depth to Water (from top of well casing) a.	6.56 ft.	6.59 ft.
Date: b.	3 / 12 / 11 (mm dd yy)	3 / 12 / 11 (mm dd yy)
Time: c.	9 : 00 ■ a.m. ☐ p.m.	10 : 40 ■ a.m. ☐ p.m.
11 Sediment in well bottom:	0. inches	0. inches
12 Water Observations:	Clear ☐ Turbid ■ (Describe)	Clear ☐ Turbid ■ (Describe)
Color	brown	light brown
Odor	none	none
Turbidity	very turbid	moderate
HNu		

Filter Pack Vol. (gallons) $0.057(R^2 - r^2)ls$ = 0.5

Well casing Vol. (gallons) $0.16r^2 l$ = 1.3

Saturated length of sand pack (ft.) (ls) 8.0

Length of water column (ft.) (l) 8.0

R = Radius of borehole (in.) r = Well radius (in.)

Collect groundwater sample if drilling fluids were used and well is at solid waste facility:

13 Total suspended solids (500 ml Unfiltered)	_____ mg/l	_____ mg/l
14. COD (250 ml Unfiltered Sulfuric)	_____ mg/l (BEFORE)	_____ mg/l (AFTER)

Time	Gallons Purged	pH	Spec. Cond.	T deg. C	Spec. Cond. at 25 deg. C	Color	Odor	Turb.	Comment

MONITORING WELL DEVELOPMENT SUMMARY

MWH

Project Name	GE Aviation Phase II	Well No.	MW-4
Location	Yakima, WA	Project No.	1010884.0101020
Developed By	Tyler Day/Cascade Drilling	Checked By	Steve Wiskes

1. Can this well be purged dry? ☐ Yes ■ No

2. Well development method

- surged with bailer and bailed ☐
- surged with bailer and pumped ☐
- surged with block and bailed ☐
- surged with block and pumped ■
- surged with block, bailed and pumped ☐
- compressed air ☐
- bailed only ☐
- pumped only ☐
- pumped slowly ☐
- Other _____ ☐

3. Time spent developing well: 45 min.

4. Total well depth (TOC) (From well construction summary): 142 ft.

Measured well depth (Before): 141 ft.

Measured well depth (After): 142 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 1.6 gal.

7. Volume of water removed from well: 15.0 gal.

Relative recovery rate: Unknown ft. per. _____ min.

8. Volume of water added (if any): 0. gal.

9. Source of water added: _____

	Before Development	After Development
10 Depth to Water (from top of well casing) a.	6.40 ft.	6.38 ft.
Date: b.	3 / 12 / 11 (mm dd yy)	3 / 12 / 11 (mm dd yy)
Time: c.	9 : 10 ■ a.m. ☐ p.m.	10 : 40 ■ a.m. ☐ p.m.
11 Sediment in well bottom:	1.0 inches	0.0 inches
12 Water Observations:	Clear ☐ Turbid ■ (Describe)	Clear ☐ Turbid ■ (Describe)
Color	brown	light brown
Odor	none	none
Turbidity	very turbid	slight
HNu		

Filter Pack Vol. (gallons) $0.057(R^2 - r^2)ls$ = 0.4

Well casing Vol. (gallons) $0.16r^2 l$ = 1.2

Saturated length of sand pack (ft.) (ls) 7.8

Length of water column (ft.) (l) 7.8

R = Radius of borehole (in.) r = Well radius (in.)

Collect groundwater sample if drilling fluids were used and well is at solid waste facility:

13 Total suspended solids (500 ml Unfiltered)	_____ mg/l	_____ mg/l
14. COD (250 ml Unfiltered Sulfuric)	_____ mg/l (BEFORE)	_____ mg/l (AFTER)

Time	Gallons Purged	pH	Spec. Cond.	T deg. C	Spec. Cond. at 25 deg. C	Color	Odor	Turb.	Comment

MONITORING WELL DEVELOPMENT SUMMARY

MWH

Project Name	GE Aviation Phase II	Well No.	MW-5
Location	Yakima, WA	Project No.	1010884.0101020
Developed By	Tyler Day/Cascade Drilling	Checked By	Steve Wiskes

1. Can this well be purged dry? ☐ Yes ■ No

2. Well development method

- surged with bailer and bailed ☐
- surged with bailer and pumped ☐
- surged with block and bailed ☐
- surged with block and pumped ■
- surged with block, bailed and pumped ☐
- compressed air ☐
- bailed only ☐
- pumped only ☐
- pumped slowly ☐
- Other ☐

3. Time spent developing well: 30 min.

4. Total well depth (TOC): 145.5 ft.
(From well construction summary)

Measured well depth (Before): 143 ft.

Measured well depth (After): 145 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 1.7 gal.

7. Volume of water removed from well: 150 gal.

Relative recovery rate: Unknown ft. per. _____ min.

8. Volume of water added (if any): 0. gal.

9. Source of water added: _____

	Before Development	After Development
10 Depth to Water (from top of well casing)	a. 6.66 ft.	6.69 ft.
Date:	b. 3 / 12 / 11 (mm dd yy)	3 / 12 / 11 (mm dd yy)
Time:	c. 12 : 30 ■ a.m. ☐ p.m.	14 : 10 ■ a.m. ☐ p.m.
11 Sediment in well bottom:	2.0 inches	0.0 inches
12 Water Observations:	Clear ☐ Turbid ■ (Describe)	Clear ☐ Turbid ■ (Describe)
Color	brown	light brown
Odor	none	none
Turbidity	very turbid	moderate
HNu		

Filter Pack Vol. (gallons) $0.057(R^2 - r^2)ls$ = 0.4

Well casing Vol. (gallons) $0.16r^2 l$ = 1.3

Saturated length of sand pack (ft.) (ls) 7.8

Length of water column (ft.) (l) 7.8

R = Radius of borehole (in.) r = Well radius (in.)

Collect groundwater sample if drilling fluids were used and well is at solid waste facility:

13 Total suspended solids (500 ml Unfiltered)	_____ mg/l	_____ mg/l
14. COD (250 ml Unfiltered Sulfuric)	_____ mg/l (BEFORE)	_____ mg/l (AFTER)

Time	Gallons Purged	pH	Spec. Cond.	T deg. C	Spec. Cond. at 25 deg. C	Color	Odor	Turb.	Comment

MONITORING WELL DEVELOPMENT SUMMARY

MWH

Project Name: GE Aviation Phase II | Well No.: MW-6
Location: Yakima, WA | Project No.: 1010884.0101020
Developed By: Tyler Day/Cascade Drilling | Checked By: Steve Wiskes

1. Can this well be purged dry? ☐ Yes ■ No

2. Well development method

- surged with bailer and bailed ☐
- surged with bailer and pumped ☐
- surged with block and bailed ☐
- surged with block and pumped ■
- surged with block, bailed and pumped ☐
- compressed air ☐
- bailed only ☐
- pumped only ☐
- pumped slowly ☐
- Other ☐

3. Time spent developing well: 30 min.

4. Total well depth (TOC) (From well construction summary): 14.7 ft.

Measured well depth (Before): 14.7 ft.

Measured well depth (After): 14.7 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 1.6 gal.

7. Volume of water removed from well: 15.0 gal.

Relative recovery rate: Unknown ft. per. _____ min.

8. Volume of water added (if any): 0. gal.

9. Source of water added: _____

	Before Development	After Development
10 Depth to Water (from top of well casing) a.	7.43 ft.	7.39 ft.
Date: b.	3 / 12 / 11 (mm dd yy)	3 / 12 / 11 (mm dd yy)
Time: c.	13 : 50 ■ a.m. ☐ p.m.	14 : 40 ■ a.m. ☐ p.m.
11 Sediment in well bottom:	0.0 inches	0.0 inches
12 Water Observations:	Clear ☐ Turbid ■ (Describe)	Clear ☐ Turbid ■ (Describe)
Color	brown	very light brown
Odor	none	none
Turbidity	very turbid	slight
HNu		

Filter Pack Vol. (gallons) $0.057(R^2 - r^2)ls$ = 0.4

Well casing Vol. (gallons) $0.16r^2 l$ = 1.2

Saturated length of sand pack (ft.) (ls): 7.3

Length of water column (ft.) (l): 7.3

R = Radius of borehole (in.) r = Well radius (in.)

Collect groundwater sample if drilling fluids were used and well is at solid waste facility:

	(BEFORE)	(AFTER)
13 Total suspended solids (500 ml Unfiltered)	_____ mg/l	_____ mg/l
14. COD (250 ml Unfiltered Sulfuric)	_____ mg/l	_____ mg/l

Time	Gallons Purged	pH	Spec. Cond.	T deg. C	Spec. Cond. at 25 deg. C	Color	Odor	Turb.	Comment

MONITORING WELL DEVELOPMENT SUMMARY

MWH

Project Name	GE Aviation Phase II	Well No.	MW-7
Location	Yakima, WA	Project No.	1010884.0101020
Developed By	Tyler Day/Cascade Drilling	Checked By	Steve Wiskes

1. Can this well be purged dry? ☐ Yes ■ No

2. Well development method

- surged with bailer and bailed ☐
- surged with bailer and pumped ☐
- surged with block and bailed ☐
- surged with block and pumped ■
- surged with block, bailed and pumped ☐
- compressed air ☐
- bailed only ☐
- pumped only ☐
- pumped slowly ☐
- Other ☐

3. Time spent developing well: 30 min.

4. Total well depth (TOC) (From well construction summary): 14.7 ft.

Measured well depth (Before): 14.7 ft.

Measured well depth (After): 14.7 ft.

5. Inside diameter of well: 2 in.

6. Volume of water in filter pack and well casing: 1.6 gal.

7. Volume of water removed from well: 15.0 gal.

Relative recovery rate: Unknown ft. per. _____ min.

8. Volume of water added (if any): 0. gal.

9. Source of water added: _____

	Before Development	After Development
10 Depth to Water (from top of well casing) a.	6.69 ft.	8.39 ft.
Date: b.	3 / 12 / 11 (mm dd yy)	3 / 12 / 11 (mm dd yy)
Time: c.	11 : 50 ■ a.m. ☐ p.m.	13 : 20 ■ a.m. ☐ p.m.
11 Sediment in well bottom:	12.0 inches	2.0 inches
12 Water Observations:	Clear ☐ Turbid ■ (Describe)	Clear ☐ Turbid ■ (Describe)
Color	brown	brown
Odor	none	none
Turbidity	very turbid	very
HNu		

Filter Pack Vol. (gallons) $0.057(R^2 - r^2)ls$ = 0.4

Well casing Vol. (gallons) $0.16r^2 l$ = 1.2

Saturated length of sand pack (ft.) (ls) 7.8

Length of water column (ft.) (l) 7.8

R = Radius of borehole (in.) r = Well radius (in.)

Collect groundwater sample if drilling fluids were used and well is at solid waste facility:

	Before	After
13 Total suspended solids (500 ml Unfiltered)	_____ mg/l	_____ mg/l
14. COD (250 ml Unfiltered Sulfuric)	_____ mg/l (BEFORE)	_____ mg/l (AFTER)

Time	Gallons Purged	pH	Spec. Cond.	T deg. C	Spec. Cond. at 25 deg. C	Color	Odor	Turb.	Comment

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Elipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 1010884

Well Number: MW-1
Total Depth (ft below TOC): 15.00
Well Diameter (inches): 2
Screen Interval: 15-5 TOC

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: M. Sabga, S. Wiskes, J. Peterson

Date: 3/13/11
Static water level (ft below TOC): 7.54
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): 1/2
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos Redflow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ± 0.1* (s.u.)	TEMP (°C)	ORP ±10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ± 10% or <1* (mg/L)	COMMENTS Flow Rate: 0.3 ~~ml~~ L/min Pump Inlet Depth: ft.	Perfomed By: (Initial)
0848	~1L		0.779	7.74	10.58	131	~~0~~ —MS	5.86		MS
0851	~1.5L		0.781	7.54	10.86	120	—	5.38		MS
0853	~2L		0.783	7.45	10.92	~~5~~ 113 MS	800	5.22	Turbidity reading flashing	MS
~~08~~ MS									water appears turbid	
0855	~2.5L		0.783	7.41	11.04	108	800	5.09		MS
									Final depth to water after sampling	
									7.52 ft (static water level)	

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Elipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 1010884

Well Number: MW-2
Total Depth (ft below TOC): 15.00
Well Diameter (inches): 2
Screen Interval: 15-5

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: M. Sabin, J. Peterson, S. Wiskes

Date: 3/3/11
Static water level (ft below TOC): 7.65
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): 0.5
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos Redflow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ± 0.1* (s.u.)	TEMP (°C)	ORP ±10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ± 10% or <1* (mg/L)	COMMENTS Flow Rate: 0.3 ~~ml~~/min Pump Inlet Depth: ft.	Perfomed By: (Initial)
0925	1L		0.688	7.41	11.36	124	>1000 -	5.22		MS
0927	1.5L		0.681	7.21	12.22	121	—	7.90		MS
0929	2.0L		0.676	7.12	12.91	118	—	4.35		MS
0931	2.5L		0.672	7.09	13.20	116	800	4.22	Turbidity = Flashing	MS
0933			0.662	7.06	13.48	114	800	4.08	Turbidity = flashing	MS
									Final depth to water after	
									sampling = 7.66 (static water level)	

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Elipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 1010884

Well Number: MW-3
Total Depth (ft below TOC): 14.60
Well Diameter (inches): 2
Screen Interval: 15-5

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: M. Salga, J. Peterson, S. Wiskes

Date: 3/13/11
Static water level (ft below TOC): 6.60
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): ½
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos RedFlow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ±0.1* (s.u.)	TEMP (°C)	ORP ±10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ±10% or <1* (mg/L)	COMMENTS (Flow Rate: 0.3 ~~mL~~/min; Pump Inlet Depth: ft.)	Perfomed By: (Initial)
1000	1L		0.567	7.22	12.34	119	800	~~85.5~~ mg	Turb. Flashing	MS
1004	3.5L		0.565	7.14	12.65	109	587	error		MS
1009	5L		0.559	7.06	14.50	96	185	2.83		MS
1011	6L		0.562	7.07	14.07	93	157	2.88		MS
1013			0.563	7.07	14.00	93	140	2.93	~~Final depth~~	MS
									Final depth to water after sampling (static water level) 6.72	

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Elipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 1010884

Well Number: MW-4
Total Depth (ft below TOC): 14.00
Well Diameter (inches): 2
Screen Interval: 15-5

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: M. Sabga J. Peterson S. Wistes

Date: 3/13/11
Static water level (ft below TOC): 6.40
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): 1/2
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos Redflow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ±0.1* (s.u.)	TEMP (°C)	ORP ±10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ±10% or <1* (mg/L)	COMMENTS	Perfomed By: (Initial)
									Flow Rate: ~~0.3~~ 0.3 ~~ml~~/min Pump Inlet Depth: ft.	
1109	~~2.23~~ 2		0.565	7.44	11.75	111	0 —	4.80	turbidity maxed	MS
1111	~~2.9~~ 2.7		0.564	7.30	11.95	106	—	4.39		MS
1113	3L		0.564	7.26	12.21	101	—	4.26		MS
1115			0.565	7.24	12.58	101	—	4.20		MS
									Final Static water level post sampling = 6.40	

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Ellipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 10105654

Well Number: ~~MW-5~~ MW-5
Total Depth (ft below TOC): ~~17~~ 17.30
Well Diameter (inches): 2
Screen Interval: 15-5

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: M. Sabga S. Wisker J. Peterson

Date: 3/13/11
Static water level (ft below TOC): 6.68
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): 1/2
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos Redflow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ± 0.1* (s.u.)	TEMP (°C)	ORP ± 10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ± 10% or <1* (mg/L)	COMMENTS Flow Rate: 0.3 ~~ml~~/min Pump Inlet Depth: ft.	Perfomed By: (Initial)
1340			0.578	8.19	11.85	101	0 —	10.16	very dark brown water	MS
1342			0.569	7.87	12.01	102	0 —	4.70		MS
1344			0.568	7.76	12.19	102	—	4.37		MS
1346			0.567	7.69	12.79	101	—	4.21		MS
									Final static water level post-sampling = 6.70 ft	

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Elipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 10,058H

Well Number: MW-6
Total Depth (ft below TOC): 14.70
Well Diameter (inches): 2
Screen Interval: 15-5

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: M. Sabga S. Wiskes T. Peterson

Date: 3/13/11
Static water level (ft below TOC): 7.39
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): 1/4
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos RediFlow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ± 0.1* (s.u.)	TEMP (°C)	ORP ±10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ± 10% or <1* (mg/L)	COMMENTS (Flow Rate: ml/min; Pump Inlet Depth: ft.)	Perfomed By: (Initial)
1436			0.529	7.78	11.92	123	0 —	4.63	water is dark brown	MS
1443			0.579	7.74	11.48	~~120~~ 115 up	800 —	5.05	problems with pump	MS
1448			0.580	7.80	12.00	120	—	5.13		MS
									Final static water level	
									post-sampling: ?	

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Elipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 1010 834

Well Number: MW-K7 ms
Total Depth (ft below TOC): 15.02
Well Diameter (inches): 2
Screen Interval: 15-5

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: M. Sabga S. Wiskes
J. Peterson

Date: 3/13/11
Static water level (ft below TOC): 7.28
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): ½
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos Redflow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ± 0.1* (s.u.)	TEMP (°C)	ORP ±10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ± 10% or <1* (mg/L)	COMMENTS (Flow Rate: ml/min; Pump Inlet Depth: ft.)	Perfomed By: (Initial)
1146			Q 1.19 ms	7.88	10.27	97	800	5.70	dark brown, very turbid, no odor	MS
1148			1.12	7.80	10.54	85	800	5.65	well bailed pump dry	MS
									depth to water (static level)	
									post-sampling = 7.84	

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Elipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 1010554

Well Number: MW-A
Total Depth (ft below TOC): 12.10
Well Diameter (inches): 2
Screen Interval:

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: W. Shea Peterson

Date: 3/12/11

Static water level (ft below TOC): 6.48
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): 1/2"
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos Redflow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ± 0.1* (s.u.)	TEMP (°C)	ORP ± 10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ± 10% or <1* (mg/L)	COMMENTS Flow Rate: 0.5 L/min Pump Inlet Depth: mid screen ft.	Perfomed By: (Initial)
15:59	~5		0.602	8.09	14.14	121	440	6.38	Pump mid-screen ~~min~~	JP
16:02	~7		0.615	6.78	19.55	123	580	4.76		JP
16:04	~8		0.589	6.55	19.40	115	457	3.80		JP
16:06	~9		0.585	6.55	18.20	113	484	3.80		JP
16:08	~10		0.583	6.57	17.05	112	268	3.87		JP
16:10	~11		0.584	6.59	16.10	114	255	3.65		JP
16:12	~12		0.584	6.61	15.43	115	231	3.59	Temp results questionable b/c pump was heated prior to sampling	JP
		6.50'	Final DTW ~~after purge~~ after sampling							
			Collect Sample MW-A at 16:20 but sample labeled 15:40							
				possible 0.2-0.3 L/min						

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

MONITORING WELL PURGING AND SAMPLING LOG

Client Name: GE Aviation
Site Name: ~~Project Elipse~~ Yakima
Site Location: ~~City, State~~ Yakima, WA
Job Number: 10108834

Well Number: MW-B
Total Depth (ft below TOC): 10.90
Well Diameter (inches): 2
Screen Interval:

Vol. water per ft. casing (L): 0.15
Vol. water per ft. tubing (mL): 0.01
Personnel: Melissa Sabga, Justin Peterson, Steve Wiskes

Date: 3/12/11
Static water level (ft below TOC): 7.08
Water Column Height, h (ft):
One well volume (L): = 0.1544[d(in.)]²h(ft.)

Tubing I.D. (in.): 0.5
Tubing length (ft.):
Flow Cell Volume (mL):
Equip. Vol. (mL):

Equipment: Grundfos RedFlow II
Purging / Sampling method: Low Flow

TIME	VOLUME PURGED (L)	FIELD PARAMETERS MEASURED: DTW (ft, TOC)	Specific Cond. ±3%* (m-siemens/cm)	pH ±0.1* (s.u.)	TEMP (°C)	ORP ±10* (mV)	TURBIDITY ±10% or <10* (NTU)	DO ±10% or <1* (mg/L)	COMMENTS (Flow Rate: 0.3 ~~ml~~ L/min; Pump Inlet Depth: ft.)	Perfomed By: (Initial)
1641	~2		0.446	7.47	13.43	107	800	6.41	initial conditions	MS
~~1650~~	~~~2.5~~		0.473	6.94	13.82	119	280	4.39	purged 2 gallons prior to these readings	MS
1652	~~~3~~		0.483	6.89	14.01	120	211	4.31	continued parameter measurements	MS
1654	~~~4~~		0.486	6.90	14.14	117	185	4.05		MS
1656	~4.5		0.480	6.91	14.42	115	196	3.80		MS

* Stabilization requirements per EPA Region 4 Science and Ecosystem Support Division

MWH

Well Development Log

(Pg 1 / 1)

Project Name GE Yakima
Project Number 1010344.010102
Field Personnel C. Nancarrow / ~~M. Chell~~ J. Rode

Well ID# MW-5
Date 6.1.11

~~NH~~-MW-5 SCREEN INTERVAL = 4.5-14.5
WELL TD = 14.5

Casing Type (PVC) St. Steel Other _____

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F (°C))	COLOR (visual)	TURBIDITY (NTU)	FLOW RATE (gpm)	TOTALIZER (Flow Rate:)
Bail		35								
Geosquirt Pump		15								
~~2" Grundfos 4S~~	1648	(1) 51	6.39	268	0.388	14.06	O/CL/clear	5.34	1gpm	DTW: 6.45' TOC DTB: 14.55' TOC
Geosquirt	1652	(5) 56	6.66	263	0.368	14.12	O/CL/ clear	~~0.00~~ 2.31	1gpm	Steady
" "	1657	(9) 60	6.80	270	0.385	13.92	O/CL/clear	0.00	1gpm	steady
" "	1700	(13) 63	6.93	278	0.387	13.92	O/CL/clear	0.00	1gpm	Steady

REMARKS/COMMENTS 6/1/11 @0915: DTW = 6.42' bTOC; DTB = 12.5' bTOC. Note soft bottom.

COMPLETED BY C Nancarrow

SIGNATURE C Nancarrow

REVIEWED BY _____

DATE _____

MWH

Well Development Log

(Pg 1/ 2)

Project Name GE Aviation - Yakima
Project Number 1010844.0101.02
Field Personnel C.Nancarrow / M. Chell

Well ID# MW-5
Date 5.25.11

~~NH~~ MW-5 SCREEN INTERVAL = 3.68-13.68(?)
WELL TD = 13.68

Casing Type (PVC) St. Steel Other _____

CASING DIAMETER (inches) (circle one)	(2)	3	4	6	8	12	OTHER:
GALLONS/LINEAR FOOT	(0.17)	0.38	0.66	1.5	2.6	5.8	OTHER:

TD 13.68 - DTW 6.39 = 7.29 water column * 0.17 gallons/linear foot = 1.23 1 casing volume x 10 casing volumes = 12.39 calculated purge | ACTUAL PURGE 13.515

DATE PURGED [5/25/11] START (2400 hr) 0903 END (2400 hr) 1109

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons) each / cumul.	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F / °C)	COLOR* (visual)	TURBIDITY (NTU)	TOTALIZER (Flow Rate:)
Bail-initial	0903	(.765) 2 Liters	7.19	0.392	281	14.52°	o/sl.Brn/Cldy	>1000 */-	NR
Bail-post 1st surge	0942	(4.25) ~~1 gal~~ 5	6.83	0.393	369	14.89°	o/sl.Brn/Cldy	>1000 */-	seds present
Bail-2nd surge	1038	(4.25) 9.265	7.11	0.416	305	14.93°	o/sl Brn/Cldy	>1000 */-	seds present
Bail-3rd surge	1109	(4.25) 13.515	~~7.81~~ 7.17	0.394	269	14.70	o/sl Brn/Cldy	>1000 */-	seds present.
								*/	
								*/	
								*/	
								*/	
								*/	
								*/	
								*/	

DEVELOPMENT PURGING EQUIPMENT		WATER LEVEL AND TOTAL DEPTH			
			@BOD	@ EOD	@BOD	@ EOD
	SUBMERSIBLE PUMP	DATE/TIME	5/25/11 @ 0832	5/25/11 @ 1120		
	VACUUM TRUCK	DTW TOC	6.39' btoc	6.41		
✓	OTHER (SPECIFY): Disposable bailer used during surging - 2"	DTB TOC	13.68' btoc	13.68		

REMARKS/COMMENTS [5/25/11] @ 0810 = MW-1 arrive onsite. Stop in office, set up MW-5 location. @ 0828: PID calibrated 0.00 ppm @ 0834: pop lid - PID reading 2.8 ppm. @ 0836: Open well PID reading 2.2 ppm. Found old tubing from previous sampling event. @ 0837: DTW = 6.39' btoc @ 0840: DTB = 13.68' btoc. Set up tubing for surging @ 0903: Initial Bail (3) @ 0911: DTW = 6.39' btoc @ 0918: Begin 2' intervals for 5 min (6.5-8.5, 8.5-10.5, 10.5-12.5, 12.5-Bottom) @ 0940: DTW = 6.39 @ 0942 Begin Bailing (25). DTW 6.39 @ 0957 @ 1000 Begin full screen interval Surge @ 1023 DTW = 6.40' btoc Begin bailing (25) @ 1038 DTW 6.41' btoc. @ ~~1039a Begin~~ @ 1047 Begin 2.5 interval surge @ 1108 DTW = 6.4' btoc. Bailed (25) @ 1120 DTW = 6.41' btoc

COMPLETED BY C Nancarrow

REVIEWED BY _____

SIGNATURE C Nancarrow

DATE _____

each bail ≈ 0.255 gal.

+ Color is reported: Odor/Color/Clarity. O=odorless, C= colorless, Cl= clear, Cld= Cloudy, v= very, lt=light, brn= brown.
* Utilized turbidity meter supplied by MWH ~~Model LaMotte 2020e~~ Calibrated 0.0 NTU, ~~1.0 NTU~~ 10.0 NTU. HI 93703 Hanna

MWH

Well Development Log

(Pg 1 / 1)

Project Name GE Yakima
Project Number 1010844.010102
Field Personnel C. Nancarrow / ~~M. Ghell~~ J. Rocic

Well ID# MW-7
Date 6/1/11

NH-~~MW-7~~ SCREEN INTERVAL = 4.85 - 14.85
WELL TD = ~~14.85~~

Casing Type (2") PVC St. Steel Other _____

	PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP (°F / °C)	COLOR (visual)	TURBIDITY (NTU)	FLOW RATE (gpm)	TOTALIZER (Flow Rate:)
Development	Bail		15	Used 2" SS bailer during development							
	GeoSquirt	6/1/11 @ 1337-1425	16	Used 2" geosquirt pump for purging							
	" "	1815	0	Begin pumping @ 11' bgs					~~>1000~~		
	" "	1824	4	7.17	0.431	261	16.37	o/LtBrn/Cldy	>1000*		
	" "	1833	8	7.19	0.427	245	15.93	o/tintBrn/SlCldy	462*		
	" "	1841 (dry) / 1849	13	7.21	0.420	246	15.22	o/LtBrn/Cldy	>1000*		
	" "	1900 -	18	No measurements taken - running dry				o/LtBrn/Cldy	>1000*		
	" "	1915	24	7.16	0.420	275	15.03	o/tintBrn/Cldy	525*		
	" "	1928	27	No measurements taken - running dry				o/Opaque/SlCldy	335*/152		
	" "	1931	28.5	7.19	0.419	281	14.80	o/C/SlCldy	238*/137		
	" "	1940	32	7.22	0.415	271	14.68	o/C/Cl	143*/74.9		
Post-Sample Purging	" "	1949	35	7.26	0.416	249	14.63	o/SlCl/SlCl.	249/91.6		

REMARKS/COMMENTS 6/1/11 BOD: ~~DTW~~ @ 0907: DTW = 7.83' bTOC; DTB = 12.82' bTOC. Note soft bottom.

* Hanna H193703 Turbidity Meter

COMPLETED BY C Nancarrow

REVIEWED BY _____

SIGNATURE C Nancarrow

DATE _____

MWH

Well Development Log (Pg 1/2)

Project Name GE Aviation - Yakima
Project Number 1010844.0102
Field Personnel C.Nancarrow / M. Chell

Well ID# MW-7
Date 5/24/11

~~NH-~~ MW-7 SCREEN INTERVAL = ~~5-15'~~
WELL TD = 12.58 (initial)

Casing Type (PVC) St. Steel Other _____

CASING DIAMETER (inches) (circle one)	(2)	3	4	6	8	12	OTHER:
GALLONS/LINEAR FOOT	(0.17)	0.38	0.66	1.5	2.6	5.8	OTHER:

TD 12.58 - DTW 7.11 = 5.47 water column × 0.17 gallons/linear foot = .9299 (1 casing volume) × 10 casing volumes = 9.29 calculated purge | ACTUAL PURGE 9.52

DATE PURGED 5/24/11 START (2400 hr) 1652 END (2400 hr) 2010

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F / (°C))	COLOR+ (visual)	TURBIDITY (NTU)	TOTALIZER (Flow Rate:)
NA	1652	Ø	Begin Bailing					*/	
initial	1653	0.765	6.96	0.457	202	18.42	O/Brn/Cldy	>1000 */	
Bailed	1815	(2.04) 2.805	7.31	0.649	214	18.32	O/Brn/Cldy	>1000 */	seds
Bailed	1913	(2.46) ~~4.85~~ 5.27	7.43	0.580	257	18.37	O/Brn/Cldy	>1000*/	seds
Bailed	2010	(4.25) 9.52	7.01	0.491	347	15.34	O/Brn/Cldy	>1000 */	seds
								*/	
								*/	
								*/	
								*/	
								*/	

	DEVELOPMENT PURGING EQUIPMENT	(bTOC)	WATER LEVEL AND TOTAL DEPTH @BOD	@ EOD	@BOD	@ EOD
	SUBMERSIBLE PUMP	DATE/TIME	5/24/11 @1636	5/24/11 @2021		
	VACUUM TRUCK	DTW	7.11'	11.42'		
X	OTHER (SPECIFY): Disposable Bailer -2"	DTB	12.58'	12.84'		

REMARKS/COMMENTS [5/24/11] @1611: arrive at MW-07. Setup location. Open well cap. locked upon arrival @1635: PID reading 0.3ppm. Noted disposable piping left in well, approx. 15' long. @1636: DTW/DTB collected. @1652 Bail 1st (3) DTW = 7.32 @1654 Setup swab. @1730 DTW = 7.11' bgs @1736: Begin 2' interval surge from 7'-9' bgs for 5min. @1741: Begin 2' interval surge from 9'-11' bgs for 5min. @1747: Begin 2' interval surge from 11'-12' bgs. Upon retreival of surge block, PVC shavings present from metal clamp rubbing on side of well casing. @1813: DTW = 7.38' bgs. @1815: Begin bailing (12). @1825 DTW = 11.64' bgs DTB = 12.67' bgs. Fix metal hose clamp. @1849 DTW = 7.29' bgs

COMPLETED BY C Nancarrow
SIGNATURE CNancarrow

REVIEWED BY _____
DATE _____

+ Color is reported: Odor/Color/Clarity. O=odorless, C= colorless, Cl= clear, Cld= Cloudy, v= very, lt=light, brn= brown.
* Utilized turbidity meter supplied by MWH ~~Model LaMotte 2020e~~ Calibrated 0.0 NTU, ~~1.0 NTU~~ 10.0 NTU. HI 93703 Hanna

MWH

Well Development Log

(Pg 2/2)

Project Name GE Aviation - Yakima
Project Number 1010844.010102
Field Personnel C. Nancarrow / M. Chell

Well ID# MW-7
Date 5/24/11

~~NH~~ w MW-7 SCREEN INTERVAL = unconfirmed
WELL TD = 12.58 (initial)

Casing Type (PVC) St. Steel Other _____

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F / °C)	COLOR (visual)	TURBIDITY (NTU)	FLOW RATE (gpm)	TOTALIZER (Flow Rate:)

REMARKS/COMMENTS @1853 Begin full screen interval surge. @1912 - DTW = 7.14' bgs. @1913 Begin bailing (14.5). @1921 = DTW = 11.77' bgs. @1935: DTW = 7.31 @1942 Begin 2.5' surge intervals for 10 min each (7.5'-10'; 10'-12.5'). @2007: DTW = 7.34. @2009: Bail (25) @2021 : DTW = 11.42' bgs DTB = 12.84

COMPLETED BY C Nancarrow

SIGNATURE C Nancarrow

REVIEWED BY _____

DATE _____

MWH

Well Development Log (Pg 1/2.)

Project Name GE Yakima
Project Number 1010844.010102
Field Personnel C.Nancarrow / M. Chell

Well ID# Existing Well B
Date 5.24.2011

~~MW~~ Well B SCREEN INTERVAL =
WELL TD = 10.91

Casing Type PVC St. Steel Other

CASING DIAMETER (inches) (circle one): 2 3 4 6 8 12 OTHER:
GALLONS/LINEAR FOOT: 0.17 0.38 0.66 1.5 2.6 5.8 OTHER:

TD 10.91 - DTW 6.72 = 4.19 water column × 0.17 gallons/linear foot = 0.7123 1 casing volume × 5 casing volumes = 3.5615 calculated purge (10 casings = 7.123 gallons)

ACTUAL PURGE ~10 gal.

5/24/11 Initial Bail = 0.255gal.
Bail post 1' intervals 2.805gal.
Bail post entire screen(6) =

DATE PURGED START (2400 hr) 1204 END (2400 hr) 1711

seafarright CN

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F (°C))	COLOR+ (visual)	TURBIDITY (NTU)	TOTALIZER (Flow Rate:)	Volume
NA	Begin bailing	0.34						*/		0.34
Bail	1211	~~1.785 p.255gal~~	6.72	0.269	205	16.48	O/Brn/Cldy	*/623	NA	(1.785) 2.10
Bail	1359	~~2.135 (1.785)~~	7.19	0.316	257	17.07	O/Brn/Cldy	927 */—	NA	3.91
	1536	~~3.91~~	7.22	0.355	231	8.59	O/Brn/Cldy	1000 */—	NA	5.78
—	1537	End Bailing / End of Day			5/24/11			*/		
8' bgs	1646	(1.75g) ~~5.34~~	7.29	0.42	296	17.24	O/LtBrn/Cldy	534 */	6.74	
8' bgs	1703	1.75g	7.25	.394	305	16.15	O/LtBrn/Cldy	167 */		
								*/		
								*/		
								*/		

Low Flow Development

DEVELOPMENT PURGING EQUIPMENT		Measurement taken TOC to the North	WATER LEVEL AND TOTAL DEPTH @BOD	@ EOD	@BOD	@ EOD
✓	SUBMERSIBLE PUMP low flow QED 2" pump (bladder)	DATE/TIME	5/24/11 @ 0936	5/24/11 @ 1534	5/25/11 @ 1348	
	VACUUM TRUCK	DTW -TOC	6.72' bgs	9.90	6.65	
	OTHER (SPECIFY):	DTB -TOC	10.91' bgs			

REMARKS/COMMENTS [5/24/11] 0930: Location set-up. 0934: PID reading 0.00ppm. 0936: waterlevel + depth to bottom taken. 1007: Offsite to get new tubing for surge blocks. : MWH onsite. Reopen well. Bail bottom to collect any solids. No sand present. 2 full bailers, WL= 7.12' bgs. Build surge block. 1139: Begin 1' interval surge from 7-8' bgs for 5min. 1144: Begin 1' interval surge from 8'-9' bgs for 5min. 1150: Begin 1' interval surge from 9'-10' bgs for 5 min. 11:55: Begin 1' interval surge from 10'-11' bgs for 5min. 1216: Bail until dry - 10½ bailers. WL= 10.08 'bgs after bailing. Wait 10 min for recharge. @ 1226: WL= 9.39 'bgs. Estimated recharge expected 30-40 minutes. @ 1235-1313 - MWH Lunch @ 1314: MWH onsite. WL= 8.29' bgs. @ 1343: Begin entire screen surge (8.29'-10.91' bgs) for 15minutes.

COMPLETED BY C Nancarrow

REVIEWED BY

SIGNATURE C Nancarrow

DATE

Mini Rae PID 3000 Calibrated in shop @ Environsupply. In field w/ fresh air 0.00ppm.

+ Color is reported: Odor/Color/Clarity. O=odorless, C= colorless, Cl= clear, Cld= Cloudy, v= very, lt=light, brn= brown.

* Utilized turbidity meter supplied by MWH Model LaMotte 2020e). Calibrated 0.0 NTU, ~~4.0 NTU~~, 10.0 NTU.

MWH

Well Development Log

(Pg 2 / 2)

Project Name GE Yakima
Project Number 1010844.010102
Field Personnel C. Nancarrow / M. Chell

Well ID# Existing Well B
Date 5.24.11

~~NH~~ Well B SCREEN INTERVAL =
WELL TD = 1091

Casing Type (PVC) St. Steel Other

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F / °C)	COLOR (visual)	TURBIDITY (NTU)	FLOW RATE (gpm)	TOTALIZER (Flow Rate:)

REMARKS/COMMENTS @1358: WL = 7.65' bgs. @1413 WL 8.94' bgs (pre bail @1401 - 9.86' bgs), Let Recharge @1504: WL 7.83' @1509 Begin 1.5' intervals for 10min (8'-9.5'; 9.5'-11' bgs) @1529 = WL = 6.83' bgs @1536 Bailed 11 Final DTW = 9.90' bgs. @ Breakdown location and decon equipment [5/25/11] @1645 DTW = 6.74' bgs. @1646 Begin lowflow purging

COMPLETED BY C Nancarrow

SIGNATURE C Nancarrow

REVIEWED BY

DATE

MWH

Well Development Log (Pg 1/2)

Project Name GE Yakima
Project Number 1010884
Field Personnel C.Nancarrow

Well ID# MW-1
Date 8/3/11

~~NH~~ MW-1 SCREEN INTERVAL = 4.89
WELL TD = 14.89

Casing Type (PVC) St. Steel Other _____

CASING DIAMETER (inches) (2) 3 4 6 8 12 OTHER: _____
(circle one)
GALLONS/LINEAR FOOT (0.17) 0.38 0.66 1.5 2.6 5.8 OTHER: _____

TD 14.89 - DTW 7.74 = 7.15 (water column) * gallons (linear foot) = 1.22 (1 casing volume) x 3 casing = 3.65 (volumes) calculated purge | ACTUAL PURGE 101 gal total

8/3/11 - bailed 15 gallons

DATE PURGED 8/3/11 - purged 86 gallons START (2400 hr) 1245 END (2400 hr) 1348

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm)		ORP (mV)	TEMP. (°F / °C)		COLOR+ (visual)		TURBIDITY (NTU)	FLOW RATE (lpm)(gpm)
top-8' bgs	1245	Ø	Begin purging								>1000	
top-8' bgs	1252	16	6.48	0.514		46.1	13.38		0	Cld	1+	+35.78
top-8" bgs	1300	28	6.71	0.514	0.429	19.9	13.38		0	C	C	15.14
top-8" bgs	1305	32	6.58	0.513	0.429	17.1	13.36				0	5.43
top-8" bgs	1311	40	6.71	0.513	0.429	7.9	13.34	56.4	5.89	0	C	C	1.41
mid-11.5	1321	48	6.83	0.512	0.429	-9.8	13.28	55.1	5.79	0	C	C	109
mid-11.5	1330	56	6.83	0.512	0.429	-9.1	13.28	54.7	5.72	0	C	C	5.69
mid-11.5	1333	60	6.81	0.512	0.429	-7.4	13.27	54.5	5.69	0	C	C	0.24
bottom	1338	66	6.80	0.511	0.429	-9.9	13.24	54.7	5.72	0	C	Cld	157
bottom	1343	74	6.93	0.511	0.428	-17.9	13.23	54.3	5.68	0	C	C	11.70

DEVELOPMENT PURGING EQUIPMENT		WATER LEVEL AND TOTAL DEPTH			
			@BOD	@ EOD	@BOD	@ EOD
X	SUBMERSIBLE PUMP 2" geosquirt	DATE/TIME	8/3/11	8/3/11		
X	STAINLESS STEEL BAILER 2" SS Bailer	DTW	7.74	7.74		
	OTHER (SPECIFY):	DTB	14.89	14.89		

REMARKS/COMMENTS 8/3/11 - Arrive at MW-1, setup location, start surging @ 1010/3" intervals for 5 min each. End at 1020. Bail 1021-1033 (5 gallons). Surge entire screen 1047-1058. Bail 5 gallons 1110-1122. Surge bottom half/top half 1137-1147. Bail 5 gallons 1149-1158. Start purging well from top to bottom, top (1245-1320); middle (1321-1333); bottom (1338-1348). 1355 - breakdown site.

COMPLETED BY C Nancarrow
SIGNATURE C Nancarrow

REVIEWED BY _____
DATE _____

+ Color is reported: Odor/Color/Clarity. O=odorless, C= colorless, Cl= clear, Cld= Cloudy, v= very, lt=light, brn= brown.
* Utilized turbidity meter supplied by MWH Model LaMotte 2020e). Calibrated 0.0 NTU, 1.0 NTU, 10.0 NTU.

MWH

Well Development Log

(Pg 2 /2)

Project Name GE Yakima
Project Number 1010884.010104
Field Personnel C Nancarrow/S. Anderson

Well ID# MW-1
Date 8/3/11

~~NH~~ MW-1 SCREEN INTERVAL = 4.89
WELL TD = 14.89

Casing Type (PVC) St. Steel Other _____

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm) TDS	ORP (mV)	TEMP. (°F °C) DO	COLOR (visual)	TURBIDITY (NTU)	FLOW RATE (gpm)	TOTALIZER (Flow Rate:)
bottom	1348	79	6.77	0.511 0.429	−0.2	13.22 54.1	5.66 0/c/cl	1.60		

REMARKS/COMMENTS

COMPLETED BY C Nancarrow

REVIEWED BY _____

SIGNATURE C Nancarrow

DATE _____

MWH

Well Development Log (Pg 1/)

Project Name GE Yakima
Project Number 1010884.010104
Field Personnel C.Nancarrow/S.Anderson

Well ID# MW-2
Date 8/2-

~~MW~~ MW-2 SCREEN INTERVAL = 4.92
WELL TD = 14.92

Casing Type (PVC) St. Steel Other _____

CASING DIAMETER (inches) (circle one)	(2)	3	4	6	8	12	OTHER:
GALLONS/LINEAR FOOT	(0.17)	0.38	0.66	1.5	2.6	5.8	OTHER:

TD 14.82 - DTW 7.92 = 7.0 water column (8/2/11 Bailed 5gal, 8/3/11: Bailed 10g)
0.17 * gallons/linear foot = 1.19 x 3 casing volumes = 3.57 calculated purge
ACTUAL PURGE 95 → total 110

DATE PURGED 8/3/11: Purged: 95gal START (2400 hr) 0919 on 8/3/11 END (2400 hr) 1019

YSI 556 MPS

(1)

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm) ~~uS~~		ORP (mV)	TEMP. (°F / °C)	% DO	COLOR* (visual)		TURBIDITY (NTU)	FLOW RATE (lpm)(gpm)
top-9'bgs	0919	0	Begin purging								>1000	5gpm
top-9'bgs	0924	~~20~~ 18	5.~~14~~32~~64~~	0.468	0.382	38.3	14.32	55.2	5.64	0/C/Cl	36.93	3.5
top-9'bgs	0932	22	6.03	0.468	0.382	17.1	14.30	55.1	5.63	0/C/Cl	10.26	3.5
top-9'bgs	0937	28	6.28	0.468	0.382	1.0	14.29	55.0	5.62	0/C/Cl	6.56	3.5
mid-11.5	0947	42	6.49	0.467	0.382	-21.3	14.27	56.7	5.71	0/C/Cl	5.07	
bottom-14.9	0951	55	6.52	0.467	0.382	-26.3	14.26	55.4	5.66	0/C/Cl	>1000	
bottom 14.9	1004	~~60~~ 70	6.60	0.467	0.382	-36.5	14.25	54.8	5.61	0/C/Cl	3.77	
bottom 14.9	1010	95	6.60	0.468	0.382	-37.5	14.25	54.8	5.61	0/C/Cl	4.53	
bottom 14.9	1016	105	6.60	0.468	0.382	-36.9	14.25	54.6	5.61	0/C/Cl	2.17	
bottom 14.9	1019	110	Purging complete								*	

DEVELOPMENT PURGING EQUIPMENT			WATER LEVEL AND TOTAL DEPTH @BOD	@ EOD	@BOD	@ EOD
X	SUBMERSIBLE PUMP - 2" Geosquirt	DATE/TIME	8/3/11 @0711	8/3/11@1023		
X	STAINLESS STEEL BAILER 2" SS Bailer	DTW	7.92	7.91		
	OTHER (SPECIFY):	DTB	14.82	14.85		

REMARKS/COMMENTS [8/2/11] 1715 Arrive at MW-2. Setup location. [1730]: Begin surging 3' intervals for 5min each. [1747] Bailed (5gal). Surgeblock piping connection broke-need replacement part. [EOD] @0711: DTW/DTB. @0715-0727: Surge entire screen. @0732-0748: Bail (5gal) @0757-0813: Surge bottom half/top half. @0814-0827: Bail (5gal) Setup dwms and GW equipment @0919: Start purging well from top to bottom: top (0919-0940) middle (0940-0950) bottom (0951-1019). @1020 Breakdown site.

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SIGNATURE C Nancarrow
DATE _____

calibrated @10: 9.70, @0.0: 0.00

+ Color is reported: Odor/Color/Clarity. O=odorless, C= colorless, Cl= clear, Cld= Cloudy, v= very, lt=light, brn= brown.
* Utilized turbidity meter supplied by MWH Model LaMotte 2020e). Calibrated 0.0 NTU, 1.0 NTU, 10.0 NTU.

MWH

Well Development Log (Pg 1/)

Project Name GE Yakima
Project Number 1010884.010104
Field Personnel C.Nancarrow

Well ID# MW-3
Date 8-2-11

SCREEN INTERVAL = 14.92 - 4.92
WELL TD = 14.92

Casing Type: (PVC) St. Steel Other _____

CASING DIAMETER (inches) (circle one)	(2)	3	4	6	8	12	OTHER:
GALLONS/LINEAR FOOT	(0.17)	0.38	0.66	1.5	2.6	5.8	OTHER:

TD 14.92 - DTW 6.83 = 8.09 water column * gallons linear foot = 1.3753 x 3 casing volumes = 4.1259 calculated purge | ACTUAL PURGE 175 gal.

8/2/11: Bailed 15 gallons

DATE PURGED 8/2/11 Purged 160 gallons START (2400 hr) 1547 END (2400 hr) 1722

	PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME 15 (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F / °C)	COLOR+ (visual)	TURBIDITY (NTU)	FLOW RATE (lpm)(gpm)
14.9	bottom	1547	1	6.61	0.428	-58.5	15.34	clear	6.20	
14.9	bottom	1552	110	6.61	0.427	-60.7	15.35	clear	17.19 - pump moved	
		pump malfunction - troubleshooting							0.93 - pump @ bottom	
14.9	bottom	1657	115	7.46	0.428	-112.5	15.31	O/SlBrn/Cldy	15.16 */	
10.5	middle	1701	135	7.08	0.428	-91.8	15.30	O/Sl-Brn/Cld	8.47 */	
10.5	middle	1710	140	6.61	0.428	-54.3	15.32	O/Cl/Cl	0.72 */	
10.5	middle	1713	145	6.66	0.428	-55.7	15.33	O/C/Cl	0.14 */	
8	top	1716	150	6.81	0.429	-53.3	15.45	O/C/Cl	4.75 */	
8	top	1719	155	6.90	0.428	-54.0	15.37	O/C/Cl	0.90 */	
8	top	1722	160	6.91	0.428	-54.9	15.37	O/C/Cl.	0.00 */	

DEVELOPMENT PURGING EQUIPMENT		WATER LEVEL AND TOTAL DEPTH			
			@BOD	@ EOD	@BOD	@ EOD
X	SUBMERSIBLE PUMP Geosquirt	DATE/TIME	8/2/11 @1532	8/2/11 @1725		
X	STAINLESS STEEL BAILER 2" S/S Bailer for development	DTW	6.83	6.87		
	OTHER (SPECIFY):	DTB	14.92	15.07		

REMARKS/COMMENTS [8/2/11] 1126 Arrive at MW-3. Setup location. [1137] Begin surging 3' intervals for 5 min each. [1149-1158] Bailed 5 gallons. [1206] Surge entire screen. [1219] Bail 5 gallons. [1234] Surge bottom half/top half. [1247] Bail 5 gallons. Set up drums and gw equipment after a lunch break. The distance between the well and the drums is too long for standard setup and a two-pump set up is created. [1547] - Begin purging well from the bottom. [1553] - malfunction with second pump, troubleshooting required. Pump restarted @ 1657 @ bottom. Middle purged [1701 - 1713]. Top purged [1716 - 1722]. @1730 breakdown site.

COMPLETED BY C Nancarrow / S. Anderson

REVIEWED BY _____

SIGNATURE C Nancarrow

DATE _____

+ Color is reported: Odor/Color/Clarity. O=odorless, C= colorless, Cl= clear, Cld= Cloudy, v= very, lt=light, brn= brown.
* Utilized turbidity meter supplied by MWH Model LaMotte 2020e). Calibrated 0.0 NTU, 1.0 NTU, 10.0 NTU.

MWH

Well Development Log (Pg 1/)

Project Name GE Yakima
Project Number 1010884.010102.04
Field Personnel C.Nancarrow

Well ID# MW-4
Date 8/2/11

MW-4 SCREEN INTERVAL = 5-15' bgs
WELL TD = 15.0 bgs

Casing Type (PVC) St. Steel Other _____

CASING DIAMETER (inches) (circle one)	(2)	3	4	6	8	12	OTHER:
GALLONS/LINEAR FOOT	(0.17)	0.38	0.66	1.5	2.6	5.8	OTHER:

TD 15.0 CW (14.91 bs) - DTW 6.64 = 8.36 water column * 0.17 gallons linear foot = 1.42 1 casing volume x 3 casing volumes = 4.26 calculated purge | ACTUAL PURGE 125 gal.

DATE PURGED 8/2/11 Bailed 15 gallons
8/2/11 Purged 110 gallons
START (2400 hr) 1107 END (2400 hr) 1155

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F / °C)	COLOR* (visual)	TURBIDITY (NTU)*	FLOW RATE (lpm)(gpm)
Bottom	1107	27 (15)	6.76	0.452	-49.5	15.62	O/Brn/Cldy	785 *1	5gpm
Bottom	1112	42 25	6.96	6.452	-59.1	15.62	O/C/Slcldy	74 *1	
Bottom	1116	52 35	7.07	0.451	-54.7	15.62	O/C/slcldy	8.11 *1	
Mid	1127	65 45	7.28	0.450	-44.2	15.57	O/C/slcldy	1609 *1 600 60.79%	
Mid	1131	75 55	7.30	0.450	-36.7	15.56	O/C/Sl.	2.93 *1	
Mid	1135	85 65	7.31	0.450	-30.7	15.56	O/C/Cl.	2.45 *1	
Top	1144	90 75	7.07	0.450	-11.8	15.56	O/C/Cl	1.24 *1	
Top	1149	95	7.41	0.450	-34.7	15.60	O/C/Cl	2.89 *1	
Top	1153	105	7.44	0.450	-38.9	15.59	O/C/Cl	1.82 *1	
Bottom	1155	110	7.44	0.450	-39.9	15.58	O/C/Cl	6.74 *1	

DEVELOPMENT PURGING EQUIPMENT		WATER LEVEL AND TOTAL DEPTH			
			@BOD	@ EOD	@BOD	@ EOD
X	SUBMERSIBLE PUMP - Grosquist	DATE/TIME	8/2/11 @1107	8/2/11 @1213		
6	STAINLESS STEEL BAILER - 2" SS Bailer	DTW	6.64	6.62		
	OTHER (SPECIFY):	DTB	13.69	14.91		

REMARKS/COMMENTS [8/2/11] 0748: DTW = 6.64' bgs DTB = 13.69' bgs. Setup location, tubing for surging. 0808: Begin surging 3' intervals, 5 minutes each. 0824: Initial Bail (5 gal) 0839: Surging entire screen 0853: Bail (5 gallons) 0908: Surging 5' intervals. 0921: Bail (5 gallons). Setup drums and gw equipment. @ 1107 start purging well from bottom. @ 1127 purge middle. @ 1144 purge top. @ 1157 break down site. Take final well depth + DTW @ 1213.

COMPLETED BY C Nancarrow
REVIEWED BY _____

SIGNATURE C Nancarrow
DATE _____

+ Color is reported: Odor/Color/Clarity. O=odorless, C= colorless, Cl= clear, Cld= Cloudy, v= very, lt=light, brn= brown.
* Utilized turbidity meter supplied by MWH Model LaMotte 2020e). Calibrated 0.0 NTU, 1.0 NTU, 10.0 NTU.

MWH

Well Development Log (Pg 1/)

Project Name GE Yakima
Project Number 1010884.010104
Field Personnel C.Nancarrow

Well ID# MW-6
Date 8-1-11

MW-6 SCREEN INTERVAL = 4.5
WELL TD = 14.51

Casing Type PVC St. Steel Other

CASING DIAMETER (inches) (circle one)	(2)	3	4	6	8	12	OTHER:
GALLONS/LINEAR FOOT	(0.17)	0.38	0.66	1.5	2.6	5.8	OTHER:

TD 14.51 - DTW 7.70 = 6.81 water column × 0.17 * gallons linear foot = 1.1577 1 casing volume × 3 casing volumes = 3.473 calculated purge | ACTUAL PURGE

DATE PURGED 8/1/11 Bailed 15gal. Purged START (2400 hr) 1509. restart@1700 END (2400 hr) 1722

PUMP DEPTH (ft bgs)	TIME (2400 hr)	VOLUME ~55 gallons - Round (gallons)	pH (units)	CONDUCTIVITY (mS/cm)	ORP (mV)	TEMP. (°F / °C)	COLOR+ (visual)	TURBIDITY (NTU)	FLOW RATE (lpm)(gpm)
	1712	57	8.10	0.441	114.3	15.01	clear	4.05*1	
	1717	82	7.89	0.440	109.5	14.99	clear	1.79*1	
	1722	107	7.90	0.446	107.1	14.98	clear	2.98*1	
								*1	
								*1	
								*1	
								*1	
								*1	
								*1	
								*1	
								*1	

DEVELOPMENT PURGING EQUIPMENT			WATER LEVEL AND TOTAL DEPTH			
				@BOD	@ EOD	@BOD	@ EOD
X	SUBMERSIBLE PUMP	2" geosquirt	DATE/TIME	8/1/11@0837	8/1/11@1722		
X	STAINLESS STEEL BAILER	2" stainless steel bailer	DTW	7.70	7.70		
	OTHER (SPECIFY):		DTB	14.51	14.51		

REMARKS/COMMENTS 8/1/11 Set up on site @ 1027. Surge in 3' intervals [1043-1109]. Bail (5gallons) [1113-1129]. Surge entire screen [1135-1145]. Bail 5 gallons [1146-1157]. Surge top/bottom half of screen [1200-1213]. Bail 5 gallons [1215-1227]. Start purging well @ 1509. Turbidity=149 BTU. Rental vehicle is leaking coolant and overheating while pump is plugged in, so vehicle is exchanged. Pump restarted @ 1700, Turbidity=3.31 BTU, Readings began @ 1712.

COMPLETED BY C Nancarrow REVIEWED BY

SIGNATURE C Nancarrow DATE

+ Color is reported: Odor/Color/Clarity. O=odorless, C= colorless, Cl= clear, Cld= Cloudy, v= very, lt=light, brn= brown.
* Utilized turbidity meter supplied by MWH Model LaMotte 2020e). Calibrated 0.0 NTU, 1.0 NTU, 10.0 NTU.

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BUILDING A BETTER WORLD

MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	EWB - Existing Well B	Date:	6.1.2011
Project:	GE Aviation - Yakima	Team:	C.Nancarrow, J.Rock
Project No:	1010844.010102	Contractor:	NA
Location:	Yakima, WA	Weather:	Cloudy, 51°
Task No:	NA	Temperature	51°

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Heron Instruments, 200ft. Interface Probe (Model/ID): N/A

Water Quality Meter (Model/ID): Horiba U-53 Decontamination Method: Alconox, triple rinse

Purging Method: ___ PVC Bailer ___ Vacuum Truck ___ Submersible Pump X Peristaltic Pump ___ Other: ___

3 Well Volumes: X Low Flow ___ Micro Purge ___ Intake Depth (feet below TOC) 9' btoc

Sampling Method: GEDLowFlow Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing ___ Other: ___

Casing Volume Information

Casing Diameter (Circle): (2") 4" 6" Other

Casing Multiplier (CM)(gallons/foot): (0.16) 0.65 1.47

Purging Calculations

Casing Volumes (CV) 0.6592

WC 4.12 x CM 0.16 = 0.6592 CV(gal) x 3.0 CV(gal)= 1.9776 PV

Monitoring Measurements

Depth to LNAPL (feet): NA

Depth to Water (DTW)(feet): 6.79

LNAPL Thickness (ft): NA

Total Well Depth BTOC(feet): 10.91'

Water Column (WC)(feet): 4.12'

Purging Start Time: 0828 6/1/2011

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 6.85

Approximate Flow Rate (LPM): 0.16 liters/minute

Recovery Type: ___ Fast ___ Slow X

% Recovery = 100%

Purge Water Disposition (Attach Drum Inventory Log - FLD 108): 55 gallon drums disposed of by GE

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Conduct (uS/cm) (± 3%)	Turbidity NTU/TDS g/L (± 3%)*	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
0828	6.79	0	Begin purging						
15sec cycle 0835	6.85	2L	NA	NA	NA	NA	NA	NA	NA
0839-0844	6.85	3L	15.23	0.413	NA	45.94*/19.7	15.66	7.42	268
0858	6.85	5L	14.26	0.397	NA	3.94*/4.28	4.67	7.27	289
@904:7L 0906	6.85	7.5L	14.22	0.396	NA	2.98*/2.46	4.86	7.27	284
0917	6.85	9L	14.14	0.395	NA	0.00*/1.14	4.43	7.26	306
0924	6.85	10.5L	14.14	0.394	NA	0.00*/0.59	3.81	7.25	314
0931	6.85	12L	14.15	0.393	NA	0.00*/0.31	3.80	7.26	319
0944 end	6.85	14L	14.17	0.393	NA	0.00*/0.22	3.64	7.26	326 end

Sample ID EWB-060211 Sample Data Time of Sample 0945

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOAs 40mL	3	HCL	VOC's - EPA 8260B	Test America (TA)
Poly 250mL	1	Nitric	Metals (total) 6020 (MOD) + 7470A	TA
Poly 250mL	1	None	Hexavalent Chromium	TA

Comments

Metals Filtered (Yes / No)		QA Sample ID	NA
Foaming (Yes / No)			
PID Reading	0.4 ppm		
Hydrometer Reading	NA	Temperature with Hydrometer:	NA

*Turbidity Meter utilized- Hanna HI 93703 calibrated 0.0 NTU, 10.0 NTU

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MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	MW-5	Date:	6.2.2011
Project:	GE Aviation - Yakima	Team:	C.Nancarrow, J.Rock
Project No:	1010844.010102	Contractor:	NA
Location:	Yakima, WA	Weather:	Sunny, Clear
Task No:	NA	Temperature	64°

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Heron Instruments 200ft. Interface Probe (Model/ID): NA

Water Quality Meter (Model/ID): Horiba U-53 Decontamination Method: Alconox, triple rinse

Purging Method: ___ PVC Bailer ___ Vacuum Truck ___ Submersible Pump X Peristaltic Pump ___ Other: ___

3 Well Volumes: X Low Flow ___ Micro Purge ___ Intake Depth (feet below TOC) ___

Sampling Method: GED Low Flow Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing ___ Other: ___

Casing Volume Information

Casing Diameter (Circle):	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	(0.16)	0.65	1.47	

Purging Calculations

Casing Volumes (CV) 1.3504

WC 8.44 x CM 0.16 = 1.3504 CV(gal) x 3.0 CV(gal)= 4.0512PV

Monitoring Measurements

Depth to LNAPL (feet):	NA	Total Well Depth BTOC(feet):	14.93
Depth to Water (DTW)(feet):	6.49	Water Column (WC)(feet):	8.44
LNAPL Thickness (ft):	NA	Purging Start Time:	1319

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 6.49 - no change Approximate Flow Rate (LPM): 0.2 L/min

Recovery Type: X Fast ___ Slow ___ % Recovery = 100

Purge Water Disposition (Attach Drum Inventory Log - FLD 108): 55 gallon drums disposed of by GE

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Conduct (uS/cm) (± 3%)	Turbidity TDS NTU g/L (±10%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
Bucket (L)									
1329	9.5	2L	14.74	0.393	NA	0.00*/ —	2.81	7.13	296
1342	9.5	6.5 L	14.63	0.392	NA	0.00*/ 0.00	2.18	7.12	304
1358	9.5	10.5 L	14.60	0.391	NA	0.00*/ 0.00	1.92	7.11	307
1408	9.5	14 L	14.50	0.391	NA	0.00*/ 0.00	1.50	7.10	314
1418	9.5	16	14.46	0.390	NA	0.00*/ 0.00	1.36	7.10	318
1428	9.5	19	14.43	0.390	NA	0.00*/ 0.00	1.21	7.09	322

Sample Data

Sample ID MW-05-060211 Time of Sample 1429

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40ml	3	HCl	VOCs EPA 8260B	Test America (TA)
Poly 250ml	1	Nitric	Metals (total) 6020 (MOD) +7470A	TA
Poly 250mL	1	None	Hexavalent Chromium	TA

Comments

Metals Filtered (Yes (No)		QA Sample ID	DUP-060211
Foaming (Yes (No)			
PID Reading	0.3		
Hydrometer Reading	NA	Temperature with Hydrometer:	NA

*Turbidity Meter utilized - Hanna HI 93703 Calibrated 0.0 NTU, 10.0 NTU

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MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	MW-07	Date:	6.2.11
Project:	GE Aviation - Yakima	Team:	C.Nancarrow, J.Rock
Project No:	1010844.010102	Contractor:	NA
Location:	Yakima, WA	Weather:	Sunny, Pflycldy
Task No:	NA	Temperature	66°

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Heron Instruments 200ft. Interface Probe (Model/ID): NA

Water Quality Meter (Model/ID): Horiba U-53 Decontamination Method: Alconox, Triple Rinse

Purging Method: ___ PVC Bailer ___ Vacuum Truck X Submersible Pump ___ Peristaltic Pump ___ Other: ___

3 Well Volumes: X Low Flow ___ Micro Purge ___ Intake Depth (feet below TOC) 10.0' bTOC

Sampling Method: QED low flow Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing ___ Other: ___

Casing Volume Information

Casing Diameter (Circle):	2"	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	0.16	0.65	1.47	

Purging Calculations

Casing Volumes (CV) 1.2864

WC 8.04 x CM 0.16 = 1.2864 CV(gal) x 3.0 CV(gal)= 3.8592PV

Monitoring Measurements

Depth to LNAPL (feet):	NA	Total Well Depth BTOC(feet):	15.26' bTOC
Depth to Water (DTW)(feet):	7.22' bTOC	Water Column (WC)(feet):	8.04'
LNAPL Thickness (ft):	NA	Purging Start Time:	1527

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 7.22- No change Approximate Flow Rate (LPM): 0.25 L/min

Recovery Type: ___ Fast X Slow ___ % Recovery = 100%

Purge Water Disposition (Attach Drum Inventory Log - FLD 108): 55 gallon drums disposed of by GE

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C)	Specific Cond. (uS/cm)	NA Conduct (uS/cm)	Turbidity TDS NTU g/L	Dissolved Oxygen (mg/L)	pH	ORP
	Start 7.22'		(± 1°)	(± 3%)	(± 3%)	(± 3%)	(± 10%)	(± 0.1%)	(± 10mV)
1527	7.22	0	14.67	0.397	NA	12.27*/ 7.84	1.02	7.10	319
1557	7.22	7L	14.98	0.413	NA	8.68*/ 3.60	0.67	7.12	314
1613	7.22	9L	14.78	0.412	NA	2.81*/ 2.46	0.52	7.12	321
1625	7.22	13L	14.69	0.411	NA	0.00*/ 1.19	0.48	7.11	323
1646	7.22	19L	14.60	0.410	NA	0.00*/ 0.69	0.41	7.11	326
1656	7.22	21L							

Sample Data

Sample ID MW-07-060211 Time of Sample 1658

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOAs 40mL	3	HCL	VOCs - EPA 8260B	Test America (TA)
Poly 250mL	1	Nitric	Metals (total) 6020(MOD) + 7470A	TA
Poly 250mL	1	None	Hexavalent Chromium	TA

Comments

Metals Filtered (Yes / No)		QA Sample ID	NA
Foaming (Yes / No)			
PID Reading			
Hydrometer Reading	NA	Temperature with Hydrometer:	NA

* Turbidity Meter utilized - Hanna HI 93703 Calibrated 0.0 NTU, 10.0 NTU

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MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	MW1	Date:	8/5/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / S. Anderson
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	SUNNY
Task No:	1010 24	Temperature	92

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Envirosupply
Interface Probe (Model/ID): N.A
Water Quality Meter (Model/ID): YSI 556
Decontamination Method: Alconox, triple rinse
Purging Method: ___ PVC Bailer ___ Vacuum Truck X Submersible Pump ___ Peristaltic Pump ___ Other: GED Micropurge pump
3 Well Volumes: ___ Low Flow X Micro Purge ___ Intake Depth (feet below TOC) 9' bgs
Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing X Other: Disposable Tubing

Casing Volume Information

Casing Diameter (Circle): (2") 4" 6" Other
Casing Multiplier (CM)(gallons/foot): (0.16) 0.65 1.47

Purging Calculations

Casing Volumes (CV)
WC 7.18 x CM 0.16 = 1.1488 CV(gal) x 3.0 CV(gal) ≈ 3.5 PV

Monitoring Measurements

Depth to LNAPL (feet): NA
Depth to Water (DTW)(feet): 7.73
LNAPL Thickness (ft): NA
Total Well Depth BTOC(feet): 14.91
Water Column (WC)(feet): 7.18
Purging Start Time: 1139

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 0
Recovery Type: X Fast ___ Slow ___
Purge Water Disposition (Attach Drum Inventory Log - FLD 108):
Approximate Flow Rate (LPM): 0.5L | 3:20
% Recovery = 100
55 gallon drums disposed of by GE IDW-14-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Turbidity ~~Conduct~~ (uS/cm) (± 3%)	TDS g/L (± 3%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
~~1149~~ 1159	7.73	begin purging							
1208	7.73	2.5	14.82	0.539	3.91	0.434	0.19	7.35	32.4
1213	7.73	3.0	14.54	0.533	3.92	0.433	0.24	7.14	29.0
1218	7.73	3.5	14.40	0.531	3.73	0.433	0.26	6.98	22.5
1223	7.73	4.0	14.43	0.532	2.43	0.434	0.29	6.85	23.5
1228	7.73	4.5	14.36	0.532	2.52	0.434	0.29	6.87	16.1

Sample Data

Sample ID MW-01-080511
Time of Sample 1226

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40 mL	3	HCl	VOCs EPA 8260B	Test America
Poly 250 mL	1	Nitric	Metals (total) 6020 (mod) and 7470 A	Test America
Poly 250 mL	1	None	Hexavalent Chromium	Test America

Comments

Metals Filtered (Yes / (No)) ___ QA Sample ID NA
Foaming (Yes / (No)) ___
PID Reading NA
Hydrometer Reading NA Temperature with Hydrometer: NA

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MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	MW2	Date:	8/5/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / S. Anderson
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	SUNNY
Task No:	10102	Temperature	94

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Enviro Supply — Interface Probe (Model/ID): NA

Water Quality Meter (Model/ID): YSI 556 — Decontamination Method: Alconox, triple rinse

Purging Method: ___ PVC Bailer ___ Vacuum Truck X Submersible Pump ___ Peristaltic Pump ___ Other: Grundfos Redi-Flo2

3 Well Volumes: ___ Low Flow X Micro Purge ___ Intake Depth (feet below TOC) 9' bgs

Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing ___ Other: X Disposable Tubing

Casing Volume Information

Casing Diameter (Circle):	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	(0.16)	0.65	1.47	

Purging Calculations

Casing Volumes (CV)

WC 6.93 x CM 0.16 = 1.11 CV(gal) x 3.0 CV(gal) = 3.33 PV

Monitoring Measurements

Depth to LNAPL (feet):	NA	Total Well Depth BTOC(feet):	14.85
Depth to Water (DTW)(feet):	7.92	Water Column (WC)(feet):	6.93
LNAPL Thickness (ft):	NA	Purging Start Time:	0756

Well Recovery Data

Maximum Drawdown (DTWm)(feet): Ø — Approximate Flow Rate (LPM): 0.2 LPM

Recovery Type: X Fast ___ Slow ___ — % Recovery = 100

Purge Water Disposition (Attach Drum Inventory Log - FLD 108): 55 gallon drums disposed of by GE — IDW#14-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C)	Specific Cond. (uS/cm)	Turbidity Genduct (uS/cm)	TDS g/L	Dissolved Oxygen (mg/L)	pH	ORP
		1.5 spinning	(± 1°)	(± 3%)	(± 3%)	(± 3%)	(± 10%)	(± 0.1%)	(± 10mV)
0756	gw	Ø	Begin purging - troubleshooting required						
0919	7.92	1.5 L	15.93	0.495	0.21	0.390	0.37	6.71	11.8
0924	7.92	2.25 L	15.53	0.490	0.13	0.389	0.31	6.67	11.0
0930	7.92	3.5 L	15.24	0.486	1.980 ~~0.80~~	0.388	0.30	6.65	8.6
0935	7.92	4.5 L	15.19	0.484	1.62	0.397	0.28	6.65	6.0
	7.94								

Final total depth = 14.87 Final depth to water = 7.94

Sample Data

Sample ID MW-02-080511 — Time of Sample 0938

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40 mL	3	HCl	VOCs EPA 8260B	Test America
Poly 250 mL	1	Nitric	Metals (total) 6020 (mod) and 7470 A	Test America
Poly 250 mL	1	None	Hexavalent Chromium	Test America

Comments

Metals Filtered (Yes / No)		QA Sample ID	NA
Foaming (Yes / No)			
PID Reading	NA		
Hydrometer Reading	NA	Temperature with Hydrometer:	NA

Note: Set Craftsman Evolve oil free compressor at ~9 psi discharge
MPD Controller CPM: 4, 10.0 @ 5.0 Setting 103

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MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	MW3	Date:	8/5/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / S. Anderson
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	Sunny
Task No:	10102	Temperature	92

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Enviroequip
Interface Probe (Model/ID): NA
Water Quality Meter (Model/ID): YSI 556
Decontamination Method: Alconox, triple rinse
Purging Method: ___ PVC Bailer ___ Vacuum Truck X Submersible Pump ___ Peristaltic Pump ___ Other: QED Micropurge
3 Well Volumes: ___ Low Flow ___ Micro Purge ___ Intake Depth (feet below TOC) ___
Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing X Other: Disposable tubing

Casing Volume Information

	(2")	4"	6"	Other
Casing Diameter (Circle):	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	(0.16)	0.65	1.47	

Purging Calculations

Casing Volumes (CV)
WC 8.19 x CM 0.16 = 1.31 CV(gal) x 3.0 CV(gal) = 3.93 PV

Monitoring Measurements

Depth to LNAPL (feet): NA
Depth to Water (DTW)(feet): 6.87
LNAPL Thickness (ft): NA
Total Well Depth BTOC(feet): 15.06
Water Column (WC)(feet): 8.19
Purging Start Time: 1501

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 0.0
Approximate Flow Rate (LPM): 0.2 LPM
Recovery Type: X Fast ___ Slow ___
% Recovery = 100
Purge Water Disposition (Attach Drum Inventory Log - FLD 108): 55 gallon drums disposed of by GE IDW#14-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters) 0.5 prime	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Turbid Conduct (uS/cm) (± 3%)	TDS g/L (± 3%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
1501	6.87	0	Begin purging						
1506	6.87	0.5	17.21	0.451	1.31	0.345	0.37	6.94	51.4
1511	6.87	1.0	17.00	0.448	0.00	0.344	0.30	6.59	61.8
1518	6.87	1.5	16.76	0.447	0.00	0.345	0.28	6.98	30.4
1527	6.87	2.0	16.54	0.444	0.00	0.344	0.28	7.02	8.5
1539	6.87	2.5	16.40	0.443	0.00	0.344	0.31	7.03	3.9
1544	6.87	3.0	16.39	0.443	0.00	0.345	0.28	7.02	2.9
1549 55	6.87	5.0	16.55	0.444	0.02	0.344	0.27	7.00	0.0

Sample Data

Sample ID MW-03-080411
Time of Sample 1559

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40 mL	3	HCl	VOCs EPA 8260B	Test America
Poly 250 mL	1	Nitric	Metals (total) 6020 (mod) and 7470 A	Test America
Poly 250 mL	1	None	Hexavalent Chromium	Test America

Comments

Metals Filtered (Yes / (No)) — QA Sample ID: DUP-01
Foaming (Yes / (No)) — DTW @ EOD: 6.88
PID Reading — DTB @ EOD: 15.02
Hydrometer Reading: NA — Temperature with Hydrometer: NA

MONITORING WELL PURGING AND SAMPLING LOG

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6.64
13.95

Well ID:	MW-4	Date:	8/4/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / ~~M. Chelf~~ S Anderson
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	Sunny, Clear, Hot
Task No:	101024	Temperature	96°

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Envirosense/4 — Interface Probe (Model/ID): NA

Water Quality Meter (Model/ID): YSI 556 — Decontamination Method: Alconox, triple rinse

Purging Method: ___ PVC Bailer ___ Vacuum Truck ___ Submersible Pump X Peristaltic Pump ___ Other: QED Microporge

3 Well Volumes: ___ Low Flow ___ Micro Purge ___ Intake Depth (feet below TOC) 7.6

Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing ___ X Other: Disposable tubing

Casing Volume Information

Casing Diameter (Circle): (2") 4" 6" Other

Casing Multiplier (CM)(gallons/foot): (0.16) 0.65 1.47

Purging Calculations

Casing Volumes (CV)

WC 7.31 x CM 0.16 = 1.17 CV(gal) x 3.0 CV(gal) = 3.51 PV

Monitoring Measurements

Depth to LNAPL (feet):	NA	Total Well Depth BTOC(feet):	13.95
Depth to Water (DTW)(feet):	6.64	Water Column (WC)(feet):	7.31
LNAPL Thickness (ft):	NA	Purging Start Time:	1915

Well Recovery Data

Maximum Drawdown (DTWm)(feet): Ø — Approximate Flow Rate (LPM): 0.1 LPM

Recovery Type: X Fast ___ Slow ___ — % Recovery = 100

Purge Water Disposition (Attach Drum Inventory Log - FLD 108): IDW-14-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Turbidity Conduct (uS/cm) (± 3%)	TDS g/L (± 3%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
1915	6.64	Ø	Purging Begins						
1920	6.64	0.5L	16.87	0.465	0.00	0.357	6.36	7.02	-30.0
1930	6.64	1.5L	16.89	0.464	0.00	0.357	5.99	6.99	-29.0
1935	6.64	2.0L	16.77	0.464	0.00	0.358	5.71	6.96	-27.8
1940	6.64	2.5L	16.69	0.462	0.00	0.357	5.53	6.93	-25.0
1944	6.64	~3.0L	16.77	0.463	0.00	0.357	5.39	6.98	-25.6
	6.64								

Final DTW = 6.64 Final Well depth = 13.95

Sample Data

Sample ID: MW-04-080411 — Time of Sample: 1946

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOAs 40mL	3	HCl	VOCs EPA 8260B	TA
Poly 250mL	1	Nitric	Metals (total) 6020 (mod) and 7470A	TA
Poly 250mL	1	None	Hexavalent Chromium	TA

Comments

Metals Filtered (Yes / (No))	—	QA Sample ID	NA
Foaming (Yes / (No))	—		
PID Reading	NA		
Hydrometer Reading	NA	Temperature with Hydrometer:	NA

1030 @ 10.0

5.0

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MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	MW5	Date:	8/8/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / S. Anderson
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	SUN + Heat
Task No:	10102	Temperature	Hot

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Enviroequip — Interface Probe (Model/ID): NA

Water Quality Meter (Model/ID): YSI 556 — Decontamination Method: Alconox, triple rinse

Purging Method: ___ PVC Bailer ___ Vacuum Truck ___ Submersible Pump X ___ Peristaltic Pump ___ Other: QED Micropurge

3 Well Volumes: ___ Low Flow ___ Micro Purge — Intake Depth (feet below TOC): 9' bgs

Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing ___ Other: Disposable tubing

Casing Volume Information

	2"	4"	6"	Other
Casing Diameter (Circle):	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	(0.16)	0.65	1.47	

Purging Calculations

Casing Volumes (CV) 1.3504

WC 7.72 x CM 0.16 = 1.24 CV(gal) x 3.0 CV(gal) = 3.71 PV

Monitoring Measurements

Depth to LNAPL (feet): NA — Total Well Depth BTOC(feet): 14.74 - 14.74 final

Depth to Water (DTW)(feet): 7.02 - 7.02 final — Water Column (WC)(feet): 7.72

LNAPL Thickness (ft): NA — Purging Start Time: 1541

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 0 — Approximate Flow Rate (LPM): 0.5L / 5min = 0.1L/min

Recovery Type: X Fast ___ Slow ___ — % Recovery = 100

Purge Water Disposition (Attach Drum Inventory Log - FLD 108): — 55 gallon drums disposed of by GE IDW# 14-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Turbidity / ~~Conduct~~ (~~uS/cm~~) (± 3%)	TDS g/L (± 3%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
1541	pump started								
1545	7.02	0.5L	16.94	0.466	0.00	0.360	0.41	6.47	37.3
1550	7.02	1.5L	15.96	0.456	0.00	0.358	0.35	6.50	39.1
1555	7.02	2.0L	15.72	0.453	0.00	0.357	0.33	6.56	35.4
1600	7.02	2.5L	15.47	0.450	0.00	0.357	0.31	6.51	34.6
1605	7.02	3.0L	15.42	0.449	0.00	0.357	0.31	6.55	33.4

Sample Data

Sample ID MW-05-08082011 — Time of Sample 1607

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40 mL	3	HCl	VOCs EPA 8260B	Test America
Poly 250 mL	1	Nitric	Metals (total) 6020 (mod) and 7470 A	Test America
Poly 250 mL	1	None	Hexavalent Chromium	Test America

Comments

Metals Filtered (Yes / (No)) — QA Sample ID NA

Foaming (Yes / (No))

PID Reading NA

Hydrometer Reading NA — Temperature with Hydrometer: NA

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MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	MW6	Date:	8/8/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / S. Anderson
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	Sun
Task No:	1010[illegible]4	Temperature	75

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Enviroswpply — Interface Probe (Model/ID): NA

Water Quality Meter (Model/ID): YSI 556 — Decontamination Method: Alconox, triple rinse

Purging Method: ___ PVC Bailer ___ Vacuum Truck ___ Submersible Pump X ___ Peristaltic Pump ___ Other: QED Micropurge

3 Well Volumes: X Low Flow ___ Micro Purge ___ Intake Depth (feet below TOC) 9' bgs

Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing X Other: Disposable tubing

Casing Volume Information

Casing Diameter (Circle):	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	(0.16)	0.65	1.47	

Purging Calculations

Casing Volumes (CV)

WC 6.87 x CM 0.16 = 1.1 CV(gal) x 3.0 CV(gal)= 3.3 PV

Monitoring Measurements

Depth to LNAPL (feet): NA — Total Well Depth BTOC(feet): 14.61

Depth to Water (DTW)(feet): 7.74 — Water Column (WC)(feet): 6.87

LNAPL Thickness (ft): NA — Purging Start Time: 0716

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 0.0 — Approximate Flow Rate (LPM): 0.1 L

Recovery Type: X Fast ___ Slow ___ — % Recovery = 100%

Purge Water Disposition (Attach Drum Inventory Log - FLD 108): 55 gallon drums disposed of by GE IDW-13-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Turbidity Conduct (uS/cm) (± 3%)	TDS g/L (± 3%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
0716		Ø							
0727	7.74	0.5	15.87	0.454	49.00	0.357	0.37	6.05	69.1
0751	7.74	2.0	15.69	0.453	7.05	0.358	0.35	6.45	71.7
0759	7.74	2.5	15.71	0.452	3.44	0.357	0.32	6.54	71.6
0804	7.74	3.0	15.73	0.451	1.02	0.357	0.31	6.58	71.6
0806	7.77								

Final well depth 14.61 Final depth to water = 7.77

Final purge volume 5.25L

Sample Data

Sample ID MW-06-08082011 — Time of Sample 0806

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40 mL	3	HCl	VOCs EPA 8260B	Test America
Poly 250 mL	1	Nitric	Metals (total) 6020 (mod) and 7470 A	Test America
Poly 250 mL	1	None	Hexavalent Chromium	Test America

Comments

Metals Filtered (Yes (No)) — QA Sample ID NA

Foaming (Yes (No))

PID Reading NA

Hydrometer Reading NA — Temperature with Hydrometer: NA

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MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	MW7	Date:	8/8/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / S. Anderson
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	SUN
Task No:	10102	Temperature	Hot

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Envirosupply
Interface Probe (Model/ID): NA
Water Quality Meter (Model/ID): YSI 556 0
Decontamination Method: Alconox, triple rinse
Purging Method: ___ PVC Bailer ___ Vacuum Truck ___ Submersible Pump X ___ Peristaltic Pump Other: QED Micropurge
3 Well Volumes: ___ Low Flow ___ Micro Purge Intake Depth (feet below TOC) 9' bgs
Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing X Other: Disposable tubing

Casing Volume Information

	2"	4"	6"	Other
Casing Diameter (Circle):	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot)	(0.16)	0.65	1.47	

Purging Calculations

Casing Volumes (CV) 1.2864
WC 7.32 x CM 0.16 = 1.17 CV(gal) x 3.0 CV(gal) = 3.51 PV

Monitoring Measurements

Depth to LNAPL (feet): NA
Depth to Water (DTW)(feet): 7.76 / 7.76 stnd
LNAPL Thickness (ft): NA
Total Well Depth BTOC(feet): 15.08 - 15.09 stnd
Water Column (WC)(feet): 7.32
Purging Start Time: 1415

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 0
Approximate Flow Rate (LPM): 0.1 LPM
Recovery Type: X Fast ___ Slow
% Recovery = 100
Purge Water Disposition (Attach Drum Inventory Log - FLD 108):
55 gallon drums disposed of by GE DW-14-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Turbidity ~~Conduct~~ ~~(uS/cm)~~ (± 3%)	TDS g/L (± 3%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
1415 - pump started									
1418	7.76	0.1 L	17.18	0.490	6.72	0.375	0.36	6.38	39.2
1423	7.76	0.5 L	15.99	0.477	4.70	0.375	0.35	6.40	43.0
1428	7.76	1.5 L	15.68	0.472	2.77	0.373	0.33	6.50	36.5
1433	7.76	2 L	15.46	0.469	1.16	0.373	0.31	6.50	35.5
1438	7.76	2.5 L	15.49	0.468	0.00	0.372	0.30	6.50	33.2
1439	Collect sample								
			Total purged 3.1 L						

Sample Data

Sample ID MW-07-08082011
Time of Sample 1439

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40 mL	3	HCl	VOCs EPA 8260B	Test America
Poly 250 mL	1	Nitric	Metals (total) 6020 (mod) and 7470 A	Test America
Poly 250 mL	1	None	Hexavalent Chromium	Test America

Comments

Metals Filtered (Yes / (No))
QA Sample ID NA
Foaming (Yes / (No))
PID Reading NA
Hydrometer Reading NA
Temperature with Hydrometer: NA

MONITORING WELL PURGING AND SAMPLING LOG

MWH

BUILDING A BETTER WORLD

Well ID:	EW-A	Date:	8/8/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / M. Chell
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	SUN
Task No:	10102	Temperature	75-80

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Envirosupply — Interface Probe (Model/ID): NA

Water Quality Meter (Model/ID): YSI 556 — Decontamination Method: Alconox, triple rinse

Purging Method: ___ PVC Bailer ___ Vacuum Truck ___ Submersible Pump X Peristaltic Pump ___ Other: QED Micropurge

3 Well Volumes: ___ Low Flow ___ Micro Purge ___ Intake Depth (feet below TOC) 9' bgs

Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing ___ X Other: Disposable tubing

Casing Volume Information

	2"	4"	6"	Other
Casing Diameter (Circle):	(2)	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	(0.16)	0.65	1.47	

Purging Calculations

Casing Volumes (CV)

WC 5.15 x CM 0.16 = 0.824 CV(gal) x 3.0 CV(gal)= 2.47 PV

Monitoring Measurements

Depth to LNAPL (feet): NA

Depth to Water (DTW)(feet): 10.82 / 10.87 final

LNAPL Thickness (ft): NA

Total Well Depth BTOC(feet): 11.97 — 11.97 final

Water Column (WC)(feet): 5.15

Purging Start Time: 0952

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 0

Recovery Type: X Fast ___ Slow ___

Approximate Flow Rate (LPM): 0.1 L/min

% Recovery = 100

Purge Water Disposition (Attach Drum Inventory Log - FLD 108): 55 gallon drums disposed of by GE ~~IDW-13~~ IDW-13-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Turbidity ~~Conduct/~~ ~~(uS/cm)~~ ~~(± 3%)~~	TDS g/L (± 3%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
0952 - pump started									
0958	6.82	0.5	14.69	0.470	20.74	0.381	0.51	5.94	33.8
1004	6.82		14.53	0.467	21.18	0.380	0.26	6.00	35.2
1011	6.82	2.5	14.42	0.466	8.25	0.380	4.67	6.05	39.3
1020	6.82		14.65	0.470	23.27	0.381	0.16	6.36	30.0
1025	6.82	7L	14.61	0.471	18.81	0.382	0.20	6.36	28.6
1035	6.82	9L	14.66	0.471	5.24	0.382	0.21	6.44	25.9
1040	6.82	10L	14.59	0.471	3.37	0.382	0.28	6.48	23.0
1045	6.82	12L	14.68	0.471	1.55	0.382	0.27	6.50	21.6

Sample ID EW-A-080820111 — Time of Sample 1048

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40mL	3	HCl	VOCs EPA 8260B	Test America
Poly 250mL	1	Nitric	Metals (Total) 6020 (mod) and 7470A	" "
Poly 250mL	1	None	Hex Chrom	" "

Comments

Metals Filtered (Yes / (No)) — QA Sample ID NA

Foaming (Yes / (No))

PID Reading NA

Hydrometer Reading NA — Temperature with Hydrometer: NA

MWH

BUILDING A BETTER WORLD

MONITORING WELL PURGING AND SAMPLING LOG

Well ID:	EWB - Existing Well B	Date:	8/8/11
Project:	GEA-Yakima, WA	Team:	C. Nancarrow / S. Anderson
Project No:	1010884	Contractor:	NA
Location:	Yakima, WA	Weather:	SUN
Task No:	101024	Temperature	80+

Purging & Sampling Instrumentation & Method

Water Level Meter (Model/ID): Envirosupply
Water Quality Meter (Model/ID): YSI 550
Interface Probe (Model/ID): NA
Decontamination Method: Alconox, triple rinse
Purging Method: ___ PVC Bailer ___ Vacuum Truck ___ Submersible Pump ___ Peristaltic Pump X Other: QED Micro Purge Pump
3 Well Volumes: ___ Low Flow X Micro Purge ___ Intake Depth (feet below TOC) 9' bgs
Sampling Method: ___ Teflon Bailer ___ Disposable Bailer ___ Dedicated Tubing X Other: Disposable Tubing

Casing Volume Information

	2"	4"	6"	Other
Casing Diameter (Circle):	(2")	4"	6"	Other
Casing Multiplier (CM)(gallons/foot):	0.16	0.65	1.47	

Purging Calculations

Casing Volumes (CV) 1.2864
WC 3.25 x CM 0.16 = 0.52 CV(gal) x 3.0 CV(gal)= 1.56 PV

Monitoring Measurements

Depth to LNAPL (feet): NA
Depth to Water (DTW)(feet): 7.47 @ 7.75 final
LNAPL Thickness (ft): NA
Total Well Depth BTOC(feet): 10.72 - 10.72
Water Column (WC)(feet): 3.25
Purging Start Time: 1202

Well Recovery Data

Maximum Drawdown (DTWm)(feet): 0.0'
Recovery Type: X Fast ___ Slow ___
Purge Water Disposition (Attach Drum Inventory Log - FLD 108):
Approximate Flow Rate (LPM): 0.15 LPM
% Recovery = 100
55 gallon drums disposed of by GE IDW-14-080811

Purging Data

Time (24 Hours)	DTW (Feet)	Cum. Vol. Purged (Liters)	Temp (°C) (± 1°)	Specific Cond. (uS/cm) (± 3%)	Turbidity Conduct (uS/cm) (± 3%)	TDS g/L (± 3%)	Dissolved Oxygen (mg/L) (± 10%)	pH (± 0.1%)	ORP (± 10mV)
pump started @ 1202									
1207	7.47	0.5L	17.37	0.469	3.94	0.357	6.07	6.34	60.6
1212	7.47	2L	16.75	0.462	0.50	0.357	5.90	6.47	48.4
1217	7.47	3.5L	16.51	0.461	0.00	0.357	5.80	6.44	47.2
1222	7.47	5L	16.38	0.460	0.00	0.358	5.78	6.47	43.7
		Final DTW = 7.75							
		Final Well depth = 10.72							

Sample Data

Sample ID EWB-08082011
Time of Sample 1223

Container Types & Vol	Quantities	Preserve	Analytical Parameters	Lab
VOA 40 mL	3	HCl	VOCs EPA 8260B	Test America
Poly 250 mL	1	Nitric	Metals (total) 6020 (mod) and 7470 A	Test America
Poly 250 mL	1	None	Hexavalent Chromium	Test America

Comments

Metals Filtered (Yes (No)
Foaming (Yes (No)
PID Reading NA
Hydrometer Reading NA
QA Sample ID NA
Temperature with Hydrometer: NA

MWH

BUILDING A BETTER WORLD

RECORD OF WATER LEVEL READINGS

Job No.: _____ Project Name: GE Yakima Location: Yakima, WA.

Loc. ID	Date	Time	Measuring Device/ Unit Number	Reference Point	DTW / DTB ~~Depth to Water~~	PID ~~By~~	Comments
MW-6	8.1.11	0837	WLMeter 150 ft.	North	7.70' / 14.51'	0.6ppm	Soft bottom
MW-1	" "	0908	" "	North	7.74' / 14.89'	0.8ppm	firm bottom
MW-2	" "	0920	" "	North	7.91' / 14.89'	1.3ppm	
MW-3	" "	0935	" "	North	6.87' / 14.39'	1.0ppm	
MW-4	" "	0945	" "	North	6.64' / 13.69'	0.5ppm	
MW-7	" "	0954	" "	North	7.71' / 15.04'	0.5ppm	
EW-B	" "	1030	" "	North	7.41' / 10.77'	0.6ppm	soft bottom
MW-5	" "	1057	" "	North	6.97' / 14.74	1.8ppm	water in casing
EW-A	8/4/11	1437	" "	North	6.77 / 11.93	—	

Item	Northing	Easting	Elev.	Description
MW 'A'	451538.120	1628534.698	1077.20	Mon. Well 'A' (existing)
			1077.41	Elevation At Ground
MW 'B'	451112.516	1628550.206	1077.98	Mon. Well 'B' (existing)
			1078.29	Elevation At Ground
SB01	452112.138	1628853.044	1077.40	Soil Bore 01
SB02	452047.557	1628492.684	1075.93	Soil Bore 02
SB03	451498.416	1629322.740	1074.02	Soil Bore 03
SB04	451309.358	1629211.193	1073.90	Soil Bore 04
SB05	451320.563	1629315.773	1071.24	Soil Bore 05
SB06	451369.126	1628872.832	1074.29	Soil Bore 06
SB07	451388.195	1628875.033	1076.61	Soil Bore 07
SB08	451517.811	1629172.023	1074.8	Soil Bore 08
SB09	451517.806	1629121.627	1075.06	Soil Bore 09
SB10	451698.769	1629118.940	1077.47	Soil Bore 10 (In Bldg)
SB11	451586.431	1629098.759	1077.47	Soil Bore 11 (In Bldg)
SB12	451571.579	1629017.517	1077.51	Soil Bore 12 (In Bldg)
SB13	451574.772	1628861.423	1077.43	Soil Bore 13 (In Bldg)
SB14	451461.502	1629056.555	1074.81	Soil Bore 14
SB15	451405.837	1628698.452	1075.68	Soil Bore 15
SB16	451636.435	1628748.562	1077.03	Soil Bore 16
SB17	451715.607	1628708.229	1077.40	Soil Bore 17
SB18	451732.849	1628587.476	1078.28	Soil Bore 18
MW#1	451779.342	1629403.665	1072.27	Mon. Well 01 Casing
			1072.67	Elevation At Ground
MW#2	451622.478	1629414.285	1072.42	Mon. Well 02 Casing
			1072.90	Elevation At Ground
MW#3	451445.867	1629418.995	1070.97	Mon. Well 03 Casing
			1071.55	Elevation At Ground
MW#4	451372.978	1629221.067	1071.98	Mon Well 04 Casing
			1072.28	Elevation At Ground
MW#5	451590.278	1628782.811	1075.44	Mon. Well 05 Casing
			1075.84	Elevation At Ground
MW#6	451751.958	1628811.845	1076.64	Mon. Well 06 Casing
			1076.77	Elevation At Ground
MW#7	451524.336	1628751.797	1075.77	Mon . Well 07 casing
			1075.85	Elevation At Ground

NOTE:
Horizontal Coordinates (Northings and Eastings) are Washington State Plane Coordinates, Zone South, North American Datum 1983 (NAD83). Coordinates were determined from static GPS network observations constrained to National Geodetic Survey Monuments: DJ6123, DG7408, DK4105, DK4088, DG9893 and DF4068. Multiply all distances shown by 0.99988661 to obtain ground level distances.

Elevations are referenced to North American Vertical Datum of 1988 (NAVD88).

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

● CORNER FOUND AS NOTED
○ ⅝ REBAR W/CAP #16909 SET
⊗ NAIL WITH WASHER SET

GSE
Gray Surveying & Engineering, Inc.
Land Surveying • Civil Engineering • Project Management
P.O. Box 510 • 2706 River Road
Yakima, Wa. 98902 • (509) 575-6434

DOUGLAS J. GRAY
STATE OF WASHINGTON
16909
REGISTERED
PROFESSIONAL LAND SURVEYOR
EXPIRES 5 / 23 / 12

NAME MWH AMERICAS, INC.
5100 SW MACADAM AVE. SUITE 420, PORTLAND OR 97239
LOCATION PT OF THE NW1/4 SEC. 35, T13N., R18E, W.M.
DRAWING TYPE WELL AND BORING LOCATIONS
DRAWN BY: JPT
CHECKED BY: D.S.G.
PROJECT NO. 11083
PARCEL NO. 181335-24031
SCALE: 1"=40'
DATE: 03/16/2011
SHEET 1 OF 1

GSE
Gray Surveying & Engineering, Inc.

- Land Surveying
- Civil Engineering
- Land Use Planning
- Geotechnical Engineering
- Project Management
- Construction Inspection
- Construction Staking
- Materials Testing

MWH Americas Inc.
Borings and Monitoring Wells – Yakima Air
Job # 11083

Table of Soil Borings and Monitoring Wells

Item	Northing	Easting	Elevation	Description
309a	451538.120	1628534.698	1077.20	Mon. Well 'A' (existing)
			1077.41	Elevation At Ground
309b	451712.516	1628550.206	1077.98	Mon. Well 'B' (existing)
			1078.29	Elevation At Ground
sb01	452112.138	1628853.049	1077.40	Soil Bore 01
sb02	452047.557	1628992.689	1075.93	Soil Bore 02
sb03	451998.416	1629322.740	1074.02	Soil Bore 03
sb04	451807.858	1629211.193	1073.90	Soil Bore 04
sb05	451380.563	1629315.773	1071.24	Soil Bore 05
sb06	451369.126	1628872.832	1074.29	Soil Bore 06
sb07	451788.195	1628875.033	1076.67	Soil Bore 07
sb08	451517.811	1629172.023	1074.87	Soil Bore 08
sb09	451517.806	1629121.627	1075.06	Soil Bore 09
sb10	451698.769	1629118.940	1077.42	Soil Bore 10 (in Building)
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sb16	451636.435	1628748.562	1077.03	Soil Bore 16
sb17	451715.607	1628708.229	1077.40	Soil Bore 17
sb18	451732.849	1628587.476	1078.28	Soil Bore 18
309-1	451779.392	1629403.665	1072.27	Mon. Well 01 at Casing
			1072.67	Elevation At Ground
309-2	451622.478	1629414.285	1072.42	Mon. Well 02 at Casing
			1072.90	Elevation At Ground
309-3	451495.867	1629418.995	1070.97	Mon. Well 03 at Casing

2706 River Road P.O. Box 510
Yakima, Washington, USA 98907
Voice (509) 575-6434 Fax (509) 575-1294
www.grayse.gs

			1071.55	Elevation At Ground
309-4	451372.978	1629221.067	1071.98	Mon Well 04 at Casing
			1072.28	Elevation At Ground
309-5	451590.278	1628782.811	1075.44	Mon. Well 05 at Casing
			1075.89	Elevation At Ground
309-6	451751.958	1628811.845	1076.64	Mon. Well 06 at Casing
			1076.77	Elevation At Ground
309-7	451524.336	1628751.797	1075.77	Mon . Well 07 at Casing
			1075.85	Elevation At Ground

Mail. Copy

Attn- Tim

PUMP & WELL RECORD W-165

OWNER: Dewey Aerospace ADDRESS: 2720 W. Washington Yakima	INSTALLATION DATE 7/20/2001 INVOICE NUMBER 4501 WARRANTY NUMBER — LOCATION OF WELL

TOTAL DEPTH	PUMP MAKE: Grundfos	TANK MODEL & SERIAL
STATIC WATER LEVEL 12	PUMP MODEL: 40S50-15	CABLE SIZE: 10/4 T
PUMP SETTING: 84	PUMP SERIAL NO. 01C1802047T	CABLE LENGTH: 85'
PIPE SIZE: 2	HORSEPOWER VOLTAGE & PHASE 5	
CASING SIZE: 6	MOTOR DATE CODE: 1P	INST. BY: Bob B

VE=0000023 - P10134 US 262

Mitchell, Teresa (ECY)

From: Mitchell, Teresa (ECY)
Sent: Thursday, February 22, 2007 2:01 PM
To: 'tim.whittlefey@smiths-aerospace.com'
Subject: Water Right and well log
Attachments: G4-29043C.tif; G4-29043 well log.tif

Hello Tim,

Per our conversation, attached are a copy of the water right associated with Yakima County Parcel No. 181335-24031 and a well log.

If you need anything else, please feel free to contact me.

Teresa Mitchell
CRO Ecology
Water Resources Program
tmit461@ecy.wa.gov
509-575-2809 Fax
509-575-2597

Smiths Aerospace Inc
2720 W Washington Ave
Yakima WA 98903

WASHINGTON STATE DEPARTMENT OF ECOLOGY

STATE OF WASHINGTON
CERTIFICATE OF WATER RIGHT

Document Title: Certificate of Water Right

Agency: Department of Ecology
Central Regional Office
15 West Yakima Avenue, Suite 200
Yakima, WA 98902-3401

Applicant: Smiths Aerospace Inc
2720 W Washington Avenue
Yakima WA 98903

Reference Number:

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
August 13, 1986	G4-29043	G4-29043P	G4-29043C

This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used.

PUBLIC WATERS TO BE APPROPRIATED

SOURCE	TRIBUTARY OF (IF SURFACE WATERS)
A well	

MAX. CUBIC FEET PER SECOND	MAX. GALLONS PER MINUTE	MAX. ACRE-FEET PER YEAR
	50	18

QUANTITY/TYPE OF USE/PERIOD OF USE

50 gallons per minute, 18 acre-feet per year for irrigation of 4.5 acres from April 1 to October 31.

LEGAL DESCRIPTION OF LOCATION OF DIVERSION/WITHDRAWAL

1/4 1/4	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	W.R.I.A.	COUNTY
SE¼NW¼	35	13	18 E.	37	Yakima

PARCEL # 181335-24031

ADDITIONAL LEGAL IS ON PAGE 2

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

1/4 1/4	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	W.R.I.A.	COUNTY
SE¼NW¼	35	13	18 E.	37	Yakima

PARCEL # 181335-24031

ADDITIONAL LEGAL IS ON PAGE 2

FILE COPY

CONTINUED LEGAL DESCRIPTION FOR LOCATION OF DIVERSION/WITHDRAWAL

475 feet north and 1425 feet east of the west quarter corner of Section 35.

CONTINUED LEGAL DESCRIPTION FOR PROPERTY ON WHICH WATER IS TO BE USED

That part of the W½SE¼NW¼ of Section 35, T. 13 N., R. 18 E.W.M., lying S of west Washington Avenue and lying N of a line beginning at a point on the west line of said subdivision 181.05 feet N of the SW corner thereof; thence southeasterly to a point on the South line of said subdivision 499.98 feet E of the W corner thereof:

EXCEPT the south 30 feet for City Street; AND EXCEPT those portions conveyed to the City of Yakima by Deeds recorded under Auditor's File No. 2139460 (Washington Avenue Relocation), and 2216444 (South 28th Avenue).

PROVISIONS

All conditions and requirements contained in reports of examination or permits previously issued apply to this certificate unless specifically noted below.

This authorization to use public waters of the state is classified as a FAMILY FARM PERMIT in accordance with Chapter 90.66 RCW (Initiative Measure No. 59). This means the land being irrigated under this authorization shall comply with the following definition: Family Farm - a geographic area including not more than 6,000 acres of irrigated agricultural lands, whether contiguous or noncontiguous, the controlling interest in which is held by a person having a controlling interest in no more than 6,000 acres of irrigated agricultural lands in the State of Washington which are irrigated under water rights acquired after December 8, 1977. Furthermore, the land being irrigated under this authorization must continue to conform to the definition of a family farm.

A suitable measuring device approved by the Department of Ecology shall be installed and maintained in accordance with WAC 173-173.

The right to use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.100.

This certificate of water right is specifically subject to relinquishment for non-use of water as provided in RCW 90.14.

Given under my hand and the seal of this office at Yakima, Washington.
this 13th day of July 2004.

DEPARTMENT OF ECOLOGY STATE OF WASHINGTON

Linda Hoffman
Department of Ecology

By _____
Robert F. Barwin, Section Supervisor

DATA REVIEW
OK _____
HCY 040-1-2 (Rev. 8-97)

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT
STATE OF WASHINGTON

Application No. G4-29043
Permit No.

(1) OWNER: Name Decoto Aircraft, Inc. Address 2801 West Washington Yakima

(2) LOCATION OF WELL: County Yakima SE ¼ NW ¼ Sec 25 T. 13 N., R. 18 W.M.
Bearing and distance from section or subdivision corner Parcel #181335-24031

(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☒ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one)
New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☒
Reconditioned ☐ Rotary ☒ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 160 ft. Depth of completed well 160 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from 0 ft. to 109 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: Yes ☐ No ☒
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☐ No ☒
Manufacturer's Name
Type Model No
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes ☐ No ☒ Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☒ No ☐ To what depth? 30 ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name Red Jacket
Type: Submersible H.P. 3

(8) WATER LEVELS: Land-surface elevation above mean sea level ft.
Static level 12 ft. below top of well Date 8-6-86
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water lowered below static level
Was a pump test made? Yes ☒ No ☐ If yes, by whom?
Yield: gal/min. with ft. drawdown after hrs.
" " " " "
" " " " "
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test August 6, 1986
Bailer test 150 gal./min. with 40 ft. drawdown after 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Topsoil	0	4
Medium gravel	4	12
Coarse sand w/gravel	12	16
Brown sandy clay	16	18
Medium gravel	18	43
Medium sand	43	45
Medium gravel w/coarse sand	45	78
Medium gravel w/shale clay	78	97
Gravel w/red sandstone	97	108
Gravel w/medium sand	108	112
Medium cement gravel w/ coarse sand	112	160

RECEIVED
AUG 13 1986
DEPARTMENT OF ECOLOGY
CENTRAL REGION OFFICE

Work started 8-4 19 86 Completed 8-6 19 86

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Nash Well Drilling Company
(Person, firm, or corporation) (Type or print)
Address Route 1 Box 1401 Moxee Wa. 98943

[Signed] (Well Driller)
License No. 1429 Date 8-12 19 86

(USE ADDITIONAL SHEETS IF NECESSARY)

IR

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

AMEC NUS NW

BIN/TANK INVENTORY

Project: GE Yakima

Project Number: 1010844.010102

Well ID/Location: MW-5, MW-7, Existing Well B

Fill Date	End Fill Date	Bin/Tank Identification	Contents/Details	Sampling Date	Comments
5.28.11	5.29.11	IDW-1	Decon Water / Purge Water		
6.1.11	6.1.11	IDW-2	" "		
6.1.11	6.1.11	IDW-3	" "		
6.2.11	6.2.11	IDW-4	PPE, Field Supplies, trash		
6.1.11	6.2.11	IDW-5	Decon Fluids / Purge water		
5.28.11	5.28.11	IDW-6	PPE, Field Supplies, trash		

AMEC NUS

BIN/TANK INVENTORY

Project: GE - Yakima

Project Number: 1010884.010104

Well ID/Location: Yakima, WA

Fill Date	End Fill Date	Bin/Tank Identification	Contents/Details	Sampling Date	Comments
8/1/11	8/1/11	IDW-01-080111	MW-6		
8/1/11	8/1/11	IDW-02-080111	MW-6		
8/2/11	8/2/11	IDW-03-080211	MW-4		
8/2/11	8/2/11	IDW-04-080211	MW-4		
8/2/11	8/2/11	IDW-05-080211	MW-3		
8/2/11	8/2/11	IDW-06-080211	MW-3		
8/2/11	8/2/11	IDW-07-080211	MW-3		
8/2/11	8/3/11	IDW-08-080311	MW-2		
8/3/11	8/3/11	IDW-09-080311	MW-2		
8/3/11	8/3/11	IDW-10-080311	MW-1		
8/3/11	8/3/11	IDW-11-080311	MW-1		
8/3/11	8/8/11	IDW-12-080311	PPE		
8/4/11	8/8/11	IDW-13-080811	Existing Well A; MW-06, [illegible]		
8/2/11	8/8/11	IDW-14-080811	MW-4, MW-5, MW-7, EWB MW-1, MW-2, MW-3		

APPENDIX B: BORING LOGS

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Drilling Log

MWH

Monitoring Well **MW-1**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1072.67 ft* North *451779.39* East *1629403.67*

Top of Casing *1072.27 ft* Water Level Initial ▽ *1065.27 ft* 03/10/11 Static ▼ *NA* NA

Hole Depth *15.0 ft* Screen: Diameter *2 in* Length *10.0 ft* Type/Size *Sch. 40 PVC/0.01 in*

Hole Diameter *6.0 in* Casing: Diameter *2 in* Length *6.0 ft* Type *Sch. 40 PVC*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0								
	0.0		0-10-90			ML	SILT w/fine sand and clay, very dark greyish brown (10YR 3/2), soft, moist, low plasticity, organics, roots.	
2	0.0							
			0-5-95				Clayey SILT, dark yellowish brown (10YR 3/4), soft, very moist, low plasticity, trace fine sand.	
4	0.0							
						ML	Grades to medium plasticity.	
6								
▽	0.0						Grades to wet, very soft.	
8			0-35-65				Sandy CLAY, very dark greyish brown (10YR 3/2), soft, wet, medium plasticity, fine sand.	
	0.0							
10			0-50-50			CL	Grades to medium stiff.	
12	0.0							
			0-35-65				Grades to olive grey (5Y 4/2), red oxidation.	
14	0.0							
							End of boring = 15' for Monitoring Well installation.	
16								

DRILLING LOG GE W GW ELEV CALC (2.9) YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

MWH

Drilling Log

Monitoring Well **MW-2**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1072.90 ft* North *451622.48* East *1629414.29*

Top of Casing *1072.42 ft* Water Level Initial ▽ *1068.42 ft* 03/10/11 Static ▼ *NA* NA

Hole Depth *15.0 ft* Screen: Diameter *2 in* Length *10.0 ft* Type/Size *Sch. 40 PVC/0.01 in*

Hole Diameter *6.0 in* Casing: Diameter *2 in* Length *6.0 ft* Type *Sch. 40 PVC*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0								
	0.0		0-5-95			ML	Clayey SILT, dark yellowish brown (10YR 3/4), medium stiff, slighty moist, low plasticity, organics, roots, trace fine sand.	
2	0.0		0-5-95				Silty CLAY, dark brown (10YR 3/30, medium stiff, very moist, medium plasticity.	
▽ 4	0.0						Grades to wet, trace fine sand.	
			0-15-85			CL	Increase in sand content.	
6	0.0							
8			0-5-95				Silty CLAY, olive brown (2.5Y 4/3), high plasticity, trace sand.	
	0.0						Grades to stiff.	
10						CH	Grades to medium plasticity.	
	0.0		0-30-70				Sandy CLAY, very dark greyish brown (10YR 3/2), soft, wet, medium plasticity, fine sand, staining, mottling.	
12	0.0							
			0-30-70			CL	Grades to medium stiff.	
14	0.0							
							End of boring = 15' for Monitoring Well installation.	
16								

DRILLING LOG GE W GW ELEV CALC (2.9) YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Monitoring Well **MW-3**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1071.55 ft* North *451495.87* East *1629419.00*

Top of Casing *1070.97 ft* Water Level Initial ▽ *1065.97 ft* 03/10/11 Static ▼ *NA* NA

Hole Depth *15.0 ft* Screen: Diameter *2 in* Length *10.0 ft* Type/Size *Sch. 40 PVC/0.01 in*

Hole Diameter *6.0 in* Casing: Diameter *2 in* Length *5.5 ft* Type *Sch. 40 PVC*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0								
			0-20-80				Clayey SILT, dark yellowish brown (10YR 3/4), medium stiff, slightly moist, low plasticity, organics.	
2	0.6					ML		
			0-10-90				Grades to moist.	
	0.4							
4							Grades to medium plasticity, increase in clay content.	
▽							Grades to wet, 1/2" lens of light brown coarse sand.	
	0.0							
6			0-25-75			CL	CLAY w/sand and silt, olive brown (2.5Y 4/3), medium stiff, wet, medium plasticity, trace sand.	
8			0-35-65				Sandy CLAY, olive brown (2.5Y 4/3), soft, wet, medium plasticity, fine sand, trace coarse sand.	
			0-40-60			CL		
10								
			0-40-60				Sandy SILT w/clay, olive brown (2.5Y 4/3), medium stiff, wet, medium plasticity, fine sand, heavy oxidation, red and dark grey staining.	
12						ML		
			0-40-60				Grades to stiff.	
14			0-60-40					
						SC	Clayey SAND, very dark brown (10YR 2/2), medium dense, wet, fine sand, trace coarse sand.	
							End of boring = 15' for Monitoring Well installation.	
16								

DRILLING LOG GE W GW ELEV CALC (2.9) YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Monitoring Well **MW-4**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1072.28 ft* North *451372.98* East *1629221.07*

Top of Casing *1071.98 ft* Water Level Initial ▽ *1066.98 ft* 03/10/11 Static ▼ *NA* NA

Hole Depth *15.0 ft* Screen: Diameter *2 in* Length *10.0 ft* Type/Size *Sch. 40 PVC/0.01 in*

Hole Diameter *6.0 in* Casing: Diameter *2 in* Length *5.5 ft* Type *Sch. 40 PVC*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0								
	1.1		15-25-60			ML	Sandy silty GRAVEL, dark yellowish brown (10YR 3/4), stiff, moist, low plasticity, well graded sand and gravel.	
2			0-30-70			ML	Sandy SILT w/clay, dark yellowish brown (10YR 3/4), medium stiff, very moist, medium plasticity, fine sand.	
4	1.0							
▽			0-30-70			CH	Sandy CLAY w/silt, dark yellowish brown (10YR 3/4), soft, wet, medium to high plasticity, fine sand.	
6								
8			0-30-70				Grades to medium stiff.	
						CL	Sandy CLAY w/silt, dark yellowish brown (10YR 3/4), medium stiff, wet, medium plasticity, fine sand.	
10			0-40-60				Grades to olive brown (2.5Y 4/3), increased sand content, red and dark grey oxidation and staining.	
12							Grades to stiff.	
14			70-15-15			GW	Well graded GRAVEL w/silt and sand, olive brown (2.5Y 4/3), medium dense, wet.	
							End of boring = 15' for Monitoring Well installation.	
16								

DRILLING LOG GE W GW ELEV CALC (2.9) YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

MWH

Drilling Log

Monitoring Well **MW-5**

COMMENTS

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1075.89 ft* North *451590.28* East *1628782.81*

Top of Casing *1075.44 ft* Water Level Initial ▽ *1071.44 ft* 03/11/11 Static ▼ *NA* NA

Hole Depth *15.0 ft* Screen: Diameter *2 in* Length *10.0 ft* Type/Size *Sch. 40 PVC/0.01 in*

Hole Diameter *6.0 in* Casing: Diameter *2 in* Length *5.3 ft* Type *Sch. 40 PVC*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							Asphalt.	
	0.4		0-20-80				SILT w/sand, dark yellowish brown (10YR 3/4), medium stiff, slightly moist, low plasticity, fine sand.	
2								
	0.4					ML	Grades to moist, w/clay.	
			0-30-70					
4 ▽							Grades to wet, medium plasticity.	
6			0-25-75				Silty CLAY w/sand, dark yellowish brown (10YR 3/4), soft, wet, medium plasticity, fine to medium sand.	
8			0-30-70			CL	Grades to sandy CLAY w/silt.	
10			0-40-60				CLAY w/silt and sand, dark yellowish brown, soft, wet, medium plasticity, fine sand.	
12						ML		
			0-70-30				Silty SAND w/clay, dark yellowish brown (10YR 3/4), dense, wet, fine sand, heavily oxidized and red staining.	
14						SM		
							End of boring = 15' for Monitoring Well installation.	
16								

DRILLING LOG GE W GW ELEV CALC (2.9) YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Monitoring Well **MW-6**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1076.77 ft* North *451751.96* East *1628811.85*

Top of Casing *1076.64 ft* Water Level Initial ▽ *1071.64 ft* 03/11/11 Static ▼ *NA* NA

Hole Depth *15.0 ft* Screen: Diameter *2 in* Length *10.0 ft* Type/Size *Sch. 40 PVC/0.01 in*

Hole Diameter *6.0 in* Casing: Diameter *2 in* Length *5.5 ft* Type *Sch. 40 PVC*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	1.0		0-15-85			ML	SILT w/sand and clay, dark brown (10YR 3/3), medium stiff, moist, low plasticity, fine sand.	
2	0.6						Grades to very moist.	
4 ▽			0-60-40			SM	Silty SAND, dark brown (10YR 3/3), medium dense, wet, fine sand, some clay.	
6			0-20-80			ML	SILT w/clay and sand, dark brown (10YR 3/3), soft, wet, medium plasticity, fine sand.	
8							Grades to stiff, decreasing clay content.	
10							Grades to very stiff. Increasing clay content.	
12			0-25-75				At 12', olive brown (2.5Y 4/3), heavy oxidation/staining. low to medium plasticity, trace clay.	
14			0-25-75					
16							End of boring = 15' for Monitoring Well installation.	

DRILLING LOG GE W GW ELEV CALC (2.9) YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Monitoring Well **MW-7**

COMMENTS

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1075.85 ft* North *451524.34* East *1628751.80*

Top of Casing *1075.77 ft* Water Level Initial ▽ *1070.77 ft* 03/11/11 Static ▼ *NA* NA

Hole Depth *15.0 ft* Screen: Diameter *2 in* Length *NA* Type/Size *Sch. 40 PVC/0.01 in*

Hole Diameter *6.0 in* Casing: Diameter *2 in* Length *NA* Type *Sch. 40 PVC*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0								
	0.3		0-30-70				Sandy SILT w/clay, dark olive brown (2.5Y 3/3), medium stiff, slightly moist, low plasticity, fine sand.	
2						ML	Grades to moist.	
			0-40-60					
4	0.2							
▽							Grades to wet, medium plasticity.	
6			0-20-80				Silty CLAY w/sand, dark brown (10YR 3/3), soft, wet, high plasticity, fine sand.	
8						CH		
							Grades to to medium stiff.	
10								
			0-35-65				Sandy CLAY, dark brown (10YR 3/3), medium stiff, wet, medium plasticity, fine sand.	
12						CL		
			0-60-40				Grades to stiff, red staining and oxidation.	
14						SM	Silty SAND, dark brown (10YR 3/3), medium dense, wet, fine sand, trace clay.	
			75-20-5			GM	Well graded GRAVEL w/sand, dark brown (10YR 3/3), medium dense, wet, oxidation and staining, trace fines.	
16							End of boring = 15' for Monitoring Well installation.	

DRILLING LOG GE W GW ELEV CALC (2.9) YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB01**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1077.40 ft* North *452112.14* East *1628853.05*

Top of Casing *NA* Water Level Initial ▽ *4.5 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2010* Completion Date *3/11/2010* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	1.1		5-20-75				SILT w/sand and clay, dark olive brown (2.5Y 3/3), medium stiff, moist, low plasticity, trace gravel and organics.	
2							Grades w/slight grey mottling.	
4 ▽	1.2		0-20-80			ML	Clayey SILT w/sand, wet, soft, medium plasticity.	
6			0-25-75				Grades to medium stiff.	
8			0-75-25			SP	Poorly graded SAND w/silt and clay, dark olive brown (2.5Y 3/3), medium dense, wet, fine sand.	
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

MWH

Drilling Log

Soil Boring **SB02**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1075.93 ft* North *452047.56* East *1628992.69*

Top of Casing *NA* Water Level Initial ▽ *4.5 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	0.8		5-25-70			ML	SILT w/sand and clay, dark olive brown (2.5Y 3/3), medium stiff, moist, low plasticity, some roots.	
2			5-50-45				Grades to silty SAND w/clay, fine sand.	
4 ▽	0.3		0-75-25			SP	Poorly graded SAND, dark olive brown (2.5Y 3/3), medium dense, trace silt and clay, fine to medium sand. Grades to wet.	
6			0-40-60			ML	Sandy SILT w/clay, dark olive brown (2.5Y 3/3), medium stiff, wet, medium plasticity, fine sand, trace clay.	
8			0-40-60					
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB03**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1074.02 ft* North *451998.42* East *1629322.74*

Top of Casing *NA* Water Level Initial ▽ *4.5 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	1.2		0-25-75			ML	SILT w/sand and clay, dark olive brown (2.5Y 3/3), medium stiff, moist, low plasticity, trace organics/vegetation.	
2			5-50-45			SM	Silty SAND, dark olive brown (2.5Y 3/3), medium stiff, moist, low plasticity, trace gravel.	
4 ▽	0.8		0-25-75			CL	Silty CLAY w/sand, dark olive brown (2.5Y 3/3), medium stiff, very moist, medium plasticity, fine sand. Grades to wet.	
6			0-35-65				Grades w/increased sand content. Grades to sandy CLAY w/silt, as above.	
8			0-50-50					
10			5-65-30			SM	Clayey SAND w/silt, dark olive brown (2.5Y 3/3), medium dense, wet, fine to medium sand, trace gravel, slight plasticity.	
12							End of boring = 10'. Encountered groundwater table. Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

MWH

Drilling Log

Soil Boring **SB04**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1073.90 ft* North *451807.86* East *1629211.19*

Top of Casing *NA* Water Level Initial ▽ *5.0 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	0.8		0-20-80				Silty SAND w/clay, dark olive brown (2.5Y 3/3), medium stiff, moist, low plasticity, trace vegetation/organics.	
2			0-25-75				Grades to very moist.	
4	0.4					ML		
▽			0-20-80				Grades to wet, medium plasticity, fine sand.	
6			0-30-70				Grades w/increased sand content.	
8			0-60-40				Silty SAND w/clay, dark olive brown (2.5Y 3/3), medium dense, wet, fine sand, slight plasticity, heavy oxidation and staining.	
			0-70-30			SM		
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB05**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1071.24 ft* North *451380.56* East *1629315.77*

Top of Casing *NA* Water Level Initial ▽ *6.0 ft* *03/10/11* Static ▼ *NA*

Hole Depth *15.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *S. Wiskes*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							
						Topsoil.	
	0.7					Sand and Gravel FILL.	
2							
	0.9					Brown silty CLAY.	
4							
	1.0						
6 ▽						Grades to wet.	
8					CL		
10							
12						Brown silty SAND, wet.	
					SM ML		
14						Brown SAND and GRAVEL, wet.	
					GW		
						End of boring = 15'. Backfilled with bentonite chips to ground surface.	
16							

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB06**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1074.29 ft* North *451369.13* East *1628872.83*

Top of Casing *NA* Water Level Initial ▽ *5.0 ft* *03/10/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	0.5		0-15-85			ML	SILT w/sand and clay, dark yellowish brown (10YR 3/4), fine sand, soft, moist, low plasticity, trace organics.	
2							Grades to very moist.	
4	0.3		0-40-60			ML	Sandy SILT, dark yellowish brown (10YR 3/4), medium stiff, very moist, low plasticity fines.	
▽							Grades to wet, w/clay and sand, medium plasticity.	
6			0-30-70					
8			0-20-80			CH	Sandy CLAY w/silt, dark yellowish brown (10YR 3/4), soft, wet, medium to high plasticity, fine sand.	
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB07**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1076.67 ft* North *451788.20* East *1628875.03*

Top of Casing *NA* Water Level Initial ▽ *5.0 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	0.8		0-20-80			ML	SILT w/sand, dark brown (10YR 3/3), medium stiff, slightly moist, low plasticity, fine sand, trace clay.	
2			0-25-75					
4	0.4							
▽			0-20-80				Grades to wet, soft, increased clay content.	
6						CL	Silty CLAY w/sand, dark brown (10YR 3/3), soft, wet, medium plasticity, fine sand.	
8			0-20-80				Grades to medium stiff.	
							Grades to soft.	
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB08**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1074.87 ft* North *451517.81* East *1629172.02*

Top of Casing *NA* Water Level Initial ▽ *5.0 ft* *03/10/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							Asphalt.	
	0.4					GM	Gravel FILL.	
2			0-20-80			ML	SILT w/sand, dark yellowish brown (10YR 3/4), stiff, moist, low plasticity, fine sand.	
4	0.3		0-60-40			SM	Silty SAND, very dark brown (10YR 2/2), dense, moist, fine sand.	
▽							Clayey SILT w/sand, dark yellowish brown (10YR 3/4), soft, wet, medium plasticity.	
6			0-20-80					
						ML	Grades to medium stiff, high plasticity.	
8			0-20-80					
							Grades to soft.	
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB09**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1075.06 ft* North *451517.81* East *1629121.63*

Top of Casing *NA* Water Level Initial ▽ *4.5 ft* *03/10/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0								
	0.6		0-0-100				Asphalt.	
							SILT, dark yellowish brown (10YR 3/4), medium stiff, slightly moist, low plasticity, trace clay.	
2			0-5-95			ML		
	0.3						Grades to moist, trace fine sand.	
4 ▽								
			0-15-85			ML	SILT w/clay and sand, dark yellowish brown (10YR 3/4), medium stiff, wet, medium plasticity.	
6								
			0-35-65			ML	Sandy clayey SILT, dark yellowish brown (10YR 3/4), medium stiff, wet, medium plasticity.	
8								
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB10**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1077.42 ft* North *451698.77* East *1629118.94*

Top of Casing *NA* Water Level Initial ▽ *NA* Static ▼ *NA*

Hole Depth *2.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	5.2		50-25-25			GM	Silty GRAVEL w/sand, very dark greyish brown (2.5Y 3/2), dense, moist, well graded sand and gravel.	
2							Drill head refusal at 2'.	
4								
6								
8								
10								
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB11**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1077.47 ft* North *451586.43* East *1629098.76*

Top of Casing *NA* Water Level Initial ▽ *NA* Static ▼ *NA*

Hole Depth *4.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	5.3		50-20-30			GM	Concrete.	
2							Silty GRAVEL w/sand, very dark greyish brown (2.5Y 3/2), dense, dry, well graded.	
4							Grades to moist at 4'. Drill head refusal at 4'.	
6								
8								
10								
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB12**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1077.51 ft* North *451571.58* East *1629017.52*

Top of Casing *NA* Water Level Initial ▽ *NA* Static ▼ *NA*

Hole Depth *2.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							Concrete.	
	3.7		50-20-30			GM	Silty GRAVEL w/sand, very dark greyish brown (2.5Y 3/2), moist, dense, well graded sand and gravel.	
2							Drill head refusal at 2'.	
4								
6								
8								
10								
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB13**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1077.49 ft* North *451574.77* East *1628861.42*

Top of Casing *NA* Water Level Initial ▽ *8.0 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							Concrete.	
						GM	Silty GRAVEL, very dark greyish brown (2.5Y 3/2), dense, well graded gravel and coarse sand, slightly moist.	
2	1.9		60-20-20					
4			30-50-20			SM	Gravelly SAND w/silt, very dark greyish brown (2.5Y 3/2), dense, slightly moist.	
6			0-20-80			ML	SILT w/sand and clay, dark yellowish brown (10YR 3/4), stiff, moist, low plasticity.	
	2.8							
8 ▽			0-5-95			CH	CLAY w/silt, dark yellowish brown (10YR 3/4), soft, wet, medium to high plasticity, trace fine sand.	
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB14**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1074.81 ft* North *451461.50* East *1629056.56*

Top of Casing *NA* Water Level Initial ▽ *5.5 ft* *03/10/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							Asphalt.	
	1.2		15-20-65				SILT w/sand and gravel, dark yellowish brown (10YR 3/4), medium stiff, moist, low plasticity.	
2							Grades to stiff, no gravel.	
	0.6		-30-70				Sandy SILT w/clay, dark olive brown (2.5Y 3/3), medium stiff, very moist, medium plasticity.	
4						ML		
▽							Grades to wet.	
6							Grades to light yellowish brown (2.5Y 6/4), mottling.	
8			0-30-70				Silty CLAY w/sand, olive brown (2.5Y 4/4), stiff, moist, medium plasticity, fine sand.	
						CL		
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB15**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1075.68 ft* North *451405.84* East *1628698.45*

Top of Casing *NA* Water Level Initial ▽ *5.0 ft* *03/10/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/10/2011* Completion Date *3/10/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							Asphalt.	
2			0-5-95			ML	SILT, olive brown (2.5Y 4/3), medium stiff, moist, low plasticity, trace sand and clay.	
4			0-25-75				Grades to SILT w/fine sand.	
▽							Grades to wet.	
6			0-30-70			CL	Silty CLAY w/sand, dark yellowish brown (10YR 3/6), medium stiff, wet, medium plasticity.	
8			0-30-70			CH	Silty CLAY w/sand, dark yellowish brown (10YR 3/6), soft, wet, high plasticity. Grades to medium plasticity.	
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB16**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1077.03 ft* North *451636.44* East *1628748.56*

Top of Casing *NA* Water Level Initial ▽ *4.0 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0	0.7		0-20-80				Asphalt.	
	0.3						SILT w/sand, dark yellowish brown (10YR 3/4), medium stiff, slightly moist, low plasticity, fine sand, trace clay.	
2								
			0-20-80				Grades to very moist, medium plasticity, w/clay.	
4 ▽						ML	Grades to wet.	
6								
			0-25-75				Silty CLAY w/sand, dark yellowish brown (10YR 3/4), soft, wet, medium plasticity, fine sand, some coarse sand.	
8						CL		
			0-25-75				Grades to medium stiff.	
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB17**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1077.40 ft* North *451715.61* East *1628708.23*

Top of Casing *NA* Water Level Initial ▽ *4.5 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							Asphalt.	
	0.5		0-30-70				Sandy SILT, dark yellowish brown (10YR 3/4), medium stiff, slightly moist, low plasticity, trace clay.	
2	0.1		0-40-60			ML	Grades to very moist.	
4 ▽			0-40-60				Grades to wet, increased clay content.	
6			0-25-75				Clayey SILT w/sand, dark yellowish brown (10YR 3/4), medium stiff, wet, medium plasticity, fine sand.	
8			0-25-75			ML	Grades to soft. Grades to medium stiff.	
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

Drilling Log

MWH

Soil Boring **SB18**

Project *GE Aviation, Yakima, WA Phase II* Client *GE Aviation*

Location *2720 Washington Ave., Yakima, WA* Project Number *1010884*

Surface Elev. *1078.28 ft* North *451732.85* East *1628587.48*

Top of Casing *NA* Water Level Initial ▽ *5.0 ft* *03/11/11* Static ▼ *NA*

Hole Depth *10.0 ft* Screen: Diameter *NA* Length *NA* Type/Size *NA*

Hole Diameter *2.0 in* Casing: Diameter *NA* Length *NA* Type *NA*

Drill Co. *Cascade Drilling* Drilling Method *Direct Push/HSA* Sand Pack *NA*

Driller *Brook King* Driller Reg. # Log By *J. Peterson*

Start Date *3/11/2011* Completion Date *3/11/2011* Checked By *D. Frederick*

COMMENTS

Bentonite Grout | Bentonite Granules | Grout | Portland Cement | Sand Pack | Sand Pack

Depth (ft)	PID (ppm)	% Recovery	%Gr-Sand-Fines	Recovery	Graphic Log	USCS	Description (Color, Moisture, Texture, Structure, Odor) Geologic Descriptions are Based on the USCS.	Well Completion
0							Asphalt.	
	0.9		0-20-80			ML	SILT w/sand, dark brown (10YR 3/3), medium stiff, slightly moist, low plasticity, fine sand.	
2								
	0.6		0-60-40			SM	Silty SAND, dark brown (10YR 3/3), medium dense, moist, low plasticity, fine sand, trace clay.	
4								
▽							Silty CLAY w/sand, dark brown (10YR 3/3), soft, wet, medium plasticity, fine sand.	
6			0-25-75			CL		
8			0-35-65				Grades to medium stiff, increased sand content.	
			0-40-60					
10							End of boring = 10'. Encountered groundwater table.	
12							Backfilled with bentonite chips to ground surface.	
14								
16								

DRILLING LOG - GE WITH GW ELEVATION CALC YAKIMA-BORING-LOGS.GPJ MWH IA.GDT 3/25/11

APPENDIX C: LABORATORY REPORTS (on CD)

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

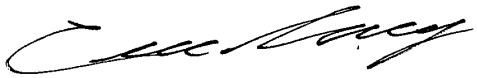
ANALYTICAL REPORT

Job Number: 580-24912-1

Job Description: Yakima, WA Phase II

For:
MWH Americas Inc
5100 SW Macadam Ave.
Ste 420
Portland, OR 97239

Attention: Mr. Joseph M Rock



Approved for release.
Curtis Armstrong
Project Manager I
3/14/2011 5:01 PM

Curtis Armstrong
Project Manager I
curtis.armstrong@testamericainc.com
03/14/2011

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This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

Table of Contents

Cover Title Page 1

Data Summaries 5

Report Narrative 5

Manual Integration Summary 7

Sample Summary 22

Method Summary 23

Sample Datasheets 24

Surrogate Summary 129

QC Data Summary 133

Data Qualifiers 161

QC Association Summary 162

Lab Chronicle 171

Organic Sample Data 182

GC/MS VOA 182

Method 8260B 182

Method 8260B QC Summary 183

Method 8260B Sample Data 194

Standards Data 224

Method 8260B ICAL Data 224

Method 8260B CCAL Data 236

Raw QC Data 245

Method 8260B Blank Data 245

Method 8260B LCS/LCSD Data 249

Method 8260B Run Logs 250

Method 8260B Prep Data 253

GC/MS Semi VOA 255

Table of Contents

Method 8270C 255

Method 8270C QC Summary 256

Method 8270C Sample Data 273

Standards Data 318

Method 8270C ICAL Data 318

Method 8270C CCAL Data 328

Raw QC Data 336

Method 8270C Blank Data 336

Method 8270C LCS/LCSD Data 339

Method 8270C MS/MSD Data 342

Method 8270C Run Logs 348

Method 8270C Prep Data 351

GC Semi VOA 353

Method 8082 353

Method 8082 QC Summary 354

Method 8082 Sample Data 364

Standards Data 379

Method 8082 ICAL Data 379

Method 8082 CCAL Data 409

Raw QC Data 461

Method 8082 Blank Data 461

Method 8082 LCS/LCSD Data 462

Method 8082 MS/MSD Data 463

Method 8082 Run Logs 465

Method 8082 Prep Data 471

Inorganic Sample Data 473

Table of Contents

Metals Data 473

Met Cover Page 474

Met Sample Data 475

Met QC Data 490

Met ICV/CCV 490

Met CRQL 494

Met Blanks 495

Met ICSA/ICSAB 501

Met MS/MSD/PDS 504

Met Dup/Trip 507

Met LCS/LCSD 508

Met Serial Dilution 514

Met MDL 515

Met Linear Ranges 519

Met Preparation Log 520

Met Analysis Run Log 522

Met ICP/MS Int Stds 527

Met Prep Data 529

General Chemistry Data 532

Gen Chem Cover Page 533

Gen Chem MDL 534

Gen Chem Analysis Run Log 535

Gen Chem Prep Data 536

Shipping and Receiving Documents 537

Client Chain of Custody 538

Sample Receipt Checklist 540

CASE NARRATIVE

Client: MWH Americas Inc

Project: Yakima, WA Phase II

Report Number: 580-24912-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interfererences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 03/11/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.5 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples YK-MW-1 (0-1) (580-24912-1), YK-MW-1 (4-5) (580-24912-2), YK-MW-1 (4-5) Dup (580-24912-3), YK-MW-2 (0-1) (580-24912-4), YK-MW-2 (4-5) (580-24912-5), YK-MW-3 (0-1) (580-24912-6), YK-MW-31 (0-1) (580-24912-7), YK-MW-3 (4-5) (580-24912-8), YK-MW-4 (0-1) (580-24912-9), YK-MW-4 (4-5) (580-24912-10), YK-SB5 (0-1) (580-24912-11), YK-SB05 (5-6) (580-24912-12), YK-SB09 (0-1) (580-24912-13), YK-SB09 D(0-1) (580-24912-14) and YK-SB09 (4-5) (580-24912-15) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/11/2011 and analyzed on 03/11/2011 and 03/13/2011.

Several analytes were detected in method blank MB 580-82103/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Surrogate recovery of Ethylbenzene-d10 for the following samples was outside the upper control limit: YK-SB05 (5-6) (580-24912-12), YK-SB09 (0-1) (580-24912-13), YK-SB09 (4-5) (580-24912-15), YK-SB09 D(0-1) (580-24912-14), YK-SB5 (0-1) (580-24912-11). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis were not performed. The affected surrogates were flagged "X."

No other difficulties were encountered during the VOC analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples YK-MW-1 (0-1) (580-24912-1), YK-MW-1 (4-5) (580-24912-2), YK-MW-1 (4-5) Dup (580-24912-3), YK-MW-2 (0-1) (580-24912-4), YK-MW-2 (4-5) (580-24912-5), YK-MW-3 (0-1) (580-24912-6), YK-MW-31 (0-1) (580-24912-7), YK-MW-3 (4-5) (580-24912-8), YK-MW-4 (0-1) (580-24912-9), YK-MW-4 (4-5) (580-24912-10), YK-SB5 (0-1) (580-24912-11), YK-SB05 (5-6) (580-24912-12), YK-SB09 (0-1) (580-24912-13), YK-SB09 D(0-1) (580-24912-14) and YK-SB09 (4-5) (580-24912-15) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/11/2011 and analyzed on 03/13/2011 and 03/14/2011.

Several analytes failed the recovery criteria low for the MS of sample YK-SB09 (4-5)MS (580-24912-15) in batch 580-82179.

Several analytes failed the recovery criteria low for the MSD of sample YK-SB09 (4-5)MSD (580-24912-15) in batch 580-82179.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples YK-MW-1 (0-1) (580-24912-1), YK-MW-1 (4-5) (580-24912-2), YK-MW-1 (4-5) Dup (580-24912-3), YK-MW-2 (0-1) (580-24912-4), YK-MW-2 (4-5) (580-24912-5), YK-MW-3 (0-1) (580-24912-6), YK-MW-31 (0-1) (580-24912-7), YK-MW-3 (4-5) (580-24912-8), YK-MW-4 (0-1) (580-24912-9), YK-MW-4 (4-5) (580-24912-10), YK-SB5 (0-1) (580-24912-11), YK-SB05 (5-6) (580-24912-12), YK-SB09 (0-1) (580-24912-13), YK-SB09 D(0-1) (580-24912-14) and YK-SB09 (4-5) (580-24912-15) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/13/2011 and analyzed on 03/14/2011.

Surrogate recovery for the following sample(s) was outside control limits:580-24912-6. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICPMS)

Samples YK-MW-1 (0-1) (580-24912-1), YK-MW-1 (4-5) (580-24912-2), YK-MW-1 (4-5) Dup (580-24912-3), YK-MW-2 (0-1) (580-24912-4), YK-MW-2 (4-5) (580-24912-5), YK-MW-3 (0-1) (580-24912-6), YK-MW-31 (0-1) (580-24912-7), YK-MW-3 (4-5) (580-24912-8), YK-MW-4 (0-1) (580-24912-9), YK-MW-4 (4-5) (580-24912-10), YK-SB5 (0-1) (580-24912-11), YK-SB05 (5-6) (580-24912-12), YK-SB09 (0-1) (580-24912-13), YK-SB09 D(0-1) (580-24912-14) and YK-SB09 (4-5) (580-24912-15) were analyzed for total metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 03/11/2011 and analyzed on 03/14/2011.

Molybdenum was detected in method blank MB 580-82127/19-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Antimony and Barium failed the recovery criteria low for the MS of sample YK-MW-1 (0-1)MS (580-24912-1) in batch 580-82234.

Antimony failed the recovery criteria low for the MSD of sample YK-MW-1 (0-1)MSD (580-24912-1) in batch 580-82234.

Arsenic, Chromium, Copper, Lead, Nickel and Zinc exceeded the rpd limit for the duplicate of sample YK-MW-1 (0-1)DU (580-24912-1).

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples YK-MW-1 (0-1) (580-24912-1), YK-MW-1 (4-5) (580-24912-2), YK-MW-1 (4-5) Dup (580-24912-3), YK-MW-2 (0-1) (580-24912-4), YK-MW-2 (4-5) (580-24912-5), YK-MW-3 (0-1) (580-24912-6), YK-MW-31 (0-1) (580-24912-7), YK-MW-3 (4-5) (580-24912-8), YK-MW-4 (0-1) (580-24912-9), YK-MW-4 (4-5) (580-24912-10), YK-SB5 (0-1) (580-24912-11), YK-SB05 (5-6) (580-24912-12), YK-SB09 (0-1) (580-24912-13), YK-SB09 D(0-1) (580-24912-14) and YK-SB09 (4-5) (580-24912-15) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared on 03/11/2011 and analyzed on 03/14/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples YK-MW-1 (0-1) (580-24912-1), YK-MW-1 (4-5) (580-24912-2), YK-MW-1 (4-5) Dup (580-24912-3), YK-MW-2 (0-1) (580-24912-4), YK-MW-2 (4-5) (580-24912-5), YK-MW-3 (0-1) (580-24912-6), YK-MW-31 (0-1) (580-24912-7), YK-MW-3 (4-5) (580-24912-8), YK-MW-4 (0-1) (580-24912-9), YK-MW-4 (4-5) (580-24912-10), YK-SB5 (0-1) (580-24912-11), YK-SB05 (5-6) (580-24912-12), YK-SB09 (0-1) (580-24912-13), YK-SB09 D(0-1) (580-24912-14) and YK-SB09 (4-5) (580-24912-15) were analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 03/11/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82074

Lab Sample ID: STD02 580-82074/3 IC Client Sample ID:

Date Analyzed: 03/10/11 19:13 Lab File ID: VB00134397.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane	4.27		ryant	03/11/11 12:45

Lab Sample ID: STD1 580-82074/4 IC Client Sample ID:

Date Analyzed: 03/10/11 19:37 Lab File ID: VB00134399.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl acetate	2.11		ryant	03/11/11 12:47
Cyclohexane	2.28	Shouldering	ryant	03/11/11 12:47
2-Chlorotoluene	4.35	Shouldering	ryant	03/11/11 12:47
1,4-Dichlorobenzene	4.72	Shouldering	ryant	03/11/11 12:47

Lab Sample ID: STD2 580-82074/5 IC Client Sample ID:

Date Analyzed: 03/10/11 20:01 Lab File ID: VB00134401.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/11/11 12:47
1,4-Dichlorobenzene	4.72		ryant	03/11/11 12:47

Lab Sample ID: STD5 580-82074/6 IC Client Sample ID:

Date Analyzed: 03/10/11 20:25 Lab File ID: VB00134403.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/11/11 12:48

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82074

Lab Sample ID: STD10 580-82074/7 IC Client Sample ID:

Date Analyzed: 03/10/11 20:50 Lab File ID: VB00134405.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/11/11 12:48

Lab Sample ID: STD20 580-82074/8 IC Client Sample ID:

Date Analyzed: 03/10/11 21:14 Lab File ID: VB00134407.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/11/11 12:48
Ethyl acetate	2.11		ryant	03/11/11 12:48
Tetrahydrofuran	2.21		ryant	03/11/11 12:48

Lab Sample ID: STD50 580-82074/9 ICIS Client Sample ID:

Date Analyzed: 03/10/11 21:38 Lab File ID: VB00134409.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	2.21		ryant	03/11/11 12:49

Lab Sample ID: STD100 580-82074/10 IC Client Sample ID:

Date Analyzed: 03/10/11 22:02 Lab File ID: VB00134411.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	2.21		ryant	03/11/11 12:49

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82074

Lab Sample ID: STD150 580-82074/11 IC Client Sample ID:

Date Analyzed: 03/10/11 22:26 Lab File ID: VB00134413.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl acetate	2.11		ryant	03/11/11 12:49
Tetrahydrofuran	2.21		ryant	03/11/11 12:49

Lab Sample ID: STD200 580-82074/12 IC Client Sample ID:

Date Analyzed: 03/10/11 22:50 Lab File ID: VB00134415.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	2.21		ryant	03/11/11 12:50

Lab Sample ID: ICV 580-82074/15 Client Sample ID:

Date Analyzed: 03/11/11 00:03 Lab File ID: VB00134421.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95	Peak Tail	ryant	03/11/11 13:02
Tetrahydrofuran	2.21		ryant	03/11/11 12:57

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82138

Lab Sample ID: CCVIS 580-82138/3 Client Sample ID:

Date Analyzed: 03/11/11 11:43 Lab File ID: VB00134437.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl acetate	2.11		ryant	03/11/11 15:07
Tetrahydrofuran	2.21		ryant	03/11/11 15:07

Lab Sample ID: MB 580-82103/1-A Client Sample ID:

Date Analyzed: 03/11/11 13:18 Lab File ID: VB00134443.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	0.68		ryant	03/11/11 15:08
Chloromethane	0.76		ryant	03/11/11 15:10
Methylene Chloride	1.58		ryant	03/11/11 15:10
Ethylbenzene	3.77		ryant	03/11/11 15:10

Lab Sample ID: 580-24912-1 Client Sample ID: YK-MW-1 (0-1)

Date Analyzed: 03/11/11 16:45 Lab File ID: VB00134453.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	0.68		ryant	03/12/11 15:16
Chloromethane	0.76		ryant	03/12/11 15:16
Ethylbenzene	3.76		ryant	03/12/11 15:16
o-Xylene	3.98		ryant	03/12/11 15:16

Lab Sample ID: 580-24912-2 Client Sample ID: YK-MW-1 (4-5)

Date Analyzed: 03/11/11 17:09 Lab File ID: VB00134454.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	0.76		ryant	03/12/11 15:17
Toluene	3.17		ryant	03/12/11 15:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82177

Lab Sample ID: CCVIS 580-82177/2 Client Sample ID:

Date Analyzed: 03/13/11 11:45 Lab File ID: VB00134509.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/13/11 19:19
Tetrahydrofuran	2.21		ryant	03/13/11 17:38

Lab Sample ID: 580-24912-11 RA Client Sample ID: YK-SB5 (0-1) RA

Date Analyzed: 03/13/11 20:36 Lab File ID: VB00134533.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.57		ryant	03/14/11 09:53
Toluene	3.17		ryant	03/14/11 09:53

Lab Sample ID: 580-24912-12 RA Client Sample ID: YK-SB05 (5-6) RA

Date Analyzed: 03/13/11 20:58 Lab File ID: VB00134534.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.57		ryant	03/14/11 09:54

Lab Sample ID: 580-24912-13 RA Client Sample ID: YK-SB09 (0-1) RA

Date Analyzed: 03/13/11 21:20 Lab File ID: VB00134535.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.57		ryant	03/14/11 09:55

Lab Sample ID: 580-24912-14 RA Client Sample ID: YK-SB09 D(0-1) RA

Date Analyzed: 03/13/11 21:43 Lab File ID: VB00134536.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.57		ryant	03/14/11 09:55

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82177

Lab Sample ID: 580-24912-15 RA Client Sample ID: YK-SB09 (4-5) RA

Date Analyzed: 03/13/11 22:05 Lab File ID: VB00134537.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/14/11 09:56

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 81932

Lab Sample ID: IC 580-81932/3 Client Sample ID:

Date Analyzed: 03/09/11 11:40 Lab File ID: ak024424.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorophenol	3.03	Assign Peak	phama	03/09/11 15:15
Cyclohexanone	3.23	Assign Peak	phama	03/09/11 15:15
Phenol	3.74	Assign Peak	phama	03/09/11 15:15
Bis(2-chloroethyl)ether	3.77	Assign Peak	phama	03/09/11 15:15
2-Chlorophenol	3.84	Assign Peak	phama	03/09/11 15:15
1,3-Dichlorobenzene	3.93	Assign Peak	phama	03/09/11 15:15
2,2'-oxybis[1-chloropropane]	4.18	Assign Peak	phama	03/09/11 15:15
2-Methylphenol	4.18	Assign Peak	phama	03/09/11 15:15
Nitrobenzene-d5	4.41	Assign Peak	phama	03/09/11 15:15
Isophorone	4.61	Assign Peak	phama	03/09/11 15:15
Hexachlorobutadiene	5.09	Assign Peak	phama	03/09/11 15:15
Dibenzofuran	6.57	Assign Peak	phama	03/09/11 15:15
Fluorene	6.85	Assign Peak	phama	03/09/11 15:15
2,4,6-Tribromophenol	7.06	Assign Peak	phama	03/09/11 15:15
Hexachlorobenzene	7.31	Assign Peak	phama	03/09/11 15:15
Carbazole	7.83	Assign Peak	phama	03/09/11 15:15
3,3'-Dichlorobenzidine	9.79	Assign Peak	phama	03/09/11 15:15
Benzo[a]anthracene	9.81	Wrong peak	phama	03/09/11 15:15
Benzo[a]pyrene	11.23	Assign Peak	phama	03/09/11 15:15

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 81932

Lab Sample ID: IC 580-81932/4 Client Sample ID:

Date Analyzed: 03/09/11 12:01 Lab File ID: ak024425.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.17	Other	phama	03/09/11 15:26
Pyridine	2.21	Other	phama	03/09/11 15:26
Phenol-d5	3.72	Assign Peak	phama	03/09/11 15:26
Benzyl alcohol	4.09	Wrong peak	phama	03/09/11 15:26
3 & 4 Methylphenol	4.30	Assign Peak	phama	03/09/11 15:26
4-Chloroaniline	5.04	Other	phama	03/09/11 15:26
2,4,5-Trichlorophenol	5.85	Wrong peak	phama	03/09/11 15:34
3-Nitroaniline	6.38	Assign Peak	phama	03/09/11 15:34
4-Nitroaniline	6.88	Assign Peak	phama	03/09/11 15:34

Lab Sample ID: IC 580-81932/5 Client Sample ID:

Date Analyzed: 03/09/11 12:22 Lab File ID: ak024426.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.17	Other	phama	03/09/11 15:36
Pyridine	2.19	Other	phama	03/09/11 15:36
Benzoic acid	4.77	Assign Peak	phama	03/09/11 15:36
2,4,5-Trichlorophenol	5.85	Wrong peak	phama	03/09/11 15:36
3-Nitroaniline	6.38	Assign Peak	phama	03/09/11 15:36
2,4-Dinitrophenol	6.47	Other	phama	03/09/11 15:36
Benzo[a]anthracene	9.82	Wrong peak	phama	03/09/11 15:36
Indeno[1,2,3-cd]pyrene	12.50	Other	phama	03/09/11 15:36

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 81932

Lab Sample ID: IC 580-81932/6 Client Sample ID:

Date Analyzed: 03/09/11 12:55 Lab File ID: ak024427.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bis(2-chloroethyl)ether	3.77	Baseline	phama	03/09/11 15:38
2,4,5-Trichlorophenol	5.84	Wrong peak	phama	03/09/11 15:38
Pentachlorophenol	7.48	Other	phama	03/09/11 15:38

Lab Sample ID: IC 580-81932/7 Client Sample ID:

Date Analyzed: 03/09/11 13:16 Lab File ID: ak024428.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.74	Assign Peak	phama	03/09/11 15:47

Lab Sample ID: ICIS 580-81932/8 Client Sample ID:

Date Analyzed: 03/09/11 13:37 Lab File ID: ak024429.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.74	Wrong peak	phama	03/09/11 15:08
Benzofluoranthene	10.93	Assign Peak	phama	03/09/11 15:08

Lab Sample ID: IC 580-81932/9 Client Sample ID:

Date Analyzed: 03/09/11 13:59 Lab File ID: ak024430.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.74	Wrong peak	phama	03/09/11 15:09
4-Nitrophenol	6.55	Assign Peak	phama	03/09/11 15:09
2,4-Dinitrotoluene	6.56	Wrong peak	phama	03/09/11 15:09

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 81932

Lab Sample ID: IC 580-81932/10 Client Sample ID:

Date Analyzed: 03/09/11 14:20 Lab File ID: ak024431.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.72	Assign Peak	phama	03/09/11 15:10
Aniline	3.74	Wrong peak	phama	03/09/11 15:10

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 82179

Lab Sample ID: CCVIS 580-82179/2 Client Sample ID:

Date Analyzed: 03/13/11 11:02 Lab File ID: ak024455.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.72	Assign Peak	phama	03/14/11 11:32
Aniline	3.73	Wrong peak	phama	03/14/11 11:32

Lab Sample ID: 580-24912-15 MS Client Sample ID: YK-SB09 (4-5) MS

Date Analyzed: 03/13/11 14:41 Lab File ID: ak024464.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	4.77	Assign Peak	phama	03/14/11 11:38

Lab Sample ID: 580-24912-15 MSD Client Sample ID: YK-SB09 (4-5) MSD

Date Analyzed: 03/13/11 15:02 Lab File ID: ak024465.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.72	Assign Peak	phama	03/14/11 11:39
Benzoic acid	4.78	Assign Peak	phama	03/14/11 11:39

Lab Sample ID: 580-24912-1 Client Sample ID: YK-MW-1 (0-1)

Date Analyzed: 03/13/11 15:23 Lab File ID: ak024466.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Anthracene	7.69	Wrong peak	mckeanc	03/13/11 15:38
Di-n-butyl phthalate	8.09	Assign Peak	mckeanc	03/13/11 15:38
Benzo[a]anthracene	9.82	Wrong peak	mckeanc	03/13/11 15:38
Benzo[k]fluoranthene	10.93	Wrong peak	mckeanc	03/13/11 15:38

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/2 Client Sample ID:

Date Analyzed: 03/03/11 09:34 Lab File ID: CC155047.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.16	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 1	3.89	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 2	4.10	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 3	4.36	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 4	4.61	Baseline Smoothing	muirm	03/03/11 13:20
PCB-1016 Peak 5	4.82	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 1	5.84	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 2	6.02	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 3	6.31	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 4	6.79	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 5	7.07	Assign Peak	muirm	03/03/11 13:20
DCB Decachlorobiphenyl	7.87	Assign Peak	muirm	03/03/11 13:20

Lab Sample ID: IC 580-81563/2 Client Sample ID:

Date Analyzed: 03/03/11 09:34 Lab File ID: CC155047.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.90	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 2	4.10	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 3	4.40	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 4	4.66	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 5	4.85	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 1	5.89	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 2	6.12	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 3	6.35	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 4	6.87	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 5	7.09	Assign Peak	muirm	03/03/11 13:20
DCB Decachlorobiphenyl	7.90	Assign Peak	muirm	03/03/11 13:20

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/9 Client Sample ID:

Date Analyzed: 03/03/11 11:13 Lab File ID: CC155054.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:31

Lab Sample ID: IC 580-81563/10 Client Sample ID:

Date Analyzed: 03/03/11 11:27 Lab File ID: CC155055.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:31

Lab Sample ID: IC 580-81563/12 Client Sample ID:

Date Analyzed: 03/03/11 11:55 Lab File ID: CC155057.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	3.40	Incomplete Integration	muirm	03/03/11 13:32
PCB-1221 Peak 2	3.48	Incomplete Integration	muirm	03/03/11 13:32
PCB-1221 Peak 3	3.56	Incomplete Integration	muirm	03/03/11 13:32

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/12 Client Sample ID:

Date Analyzed: 03/03/11 11:55 Lab File ID: CC155057.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:32

Lab Sample ID: IC 580-81563/14 Client Sample ID:

Date Analyzed: 03/03/11 12:23 Lab File ID: CC155059.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:33

Lab Sample ID: ICV 580-81563/15 Client Sample ID:

Date Analyzed: 03/03/11 12:38 Lab File ID: CC155060.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 2	5.42	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 3	5.74	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 4	6.00	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 5	6.36	Shouldering	muirm	03/03/11 13:35

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: ICV 580-81563/22 Client Sample ID:

Date Analyzed: 03/03/11 16:20 Lab File ID: CC155072.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	3.40	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 2	3.56	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 4	4.42	Peak not integrated	muirm	03/08/11 13:28

Lab Sample ID: ICV 580-81563/22 Client Sample ID:

Date Analyzed: 03/03/11 16:20 Lab File ID: CC155072.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	3.42	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 2	3.56	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 4	4.55	Incomplete Integration	muirm	03/08/11 13:28
PCB-1232 Peak 5	4.55	Incomplete Integration	muirm	03/08/11 13:28

Lab Sample ID: IC 580-81563/30 Client Sample ID:

Date Analyzed: 03/03/11 18:13 Lab File ID: CC155080.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1268 Peak 1	7.09	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 2	7.15	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 3	7.29	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 4	7.54	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 5	7.74	Baseline Smoothing	muirm	03/08/11 10:51

SAMPLE SUMMARY

Client: MWH Americas Inc

Job Number: 580-24912-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-24912-1	YK-MW-1 (0-1)	Solid	03/10/2011 1100	03/11/2011 1010
580-24912-2	YK-MW-1 (4-5)	Solid	03/10/2011 1105	03/11/2011 1010
580-24912-3	YK-MW-1 (4-5) Dup	Solid	03/10/2011 1105	03/11/2011 1010
580-24912-4	YK-MW-2 (0-1)	Solid	03/10/2011 1215	03/11/2011 1010
580-24912-5	YK-MW-2 (4-5)	Solid	03/10/2011 1225	03/11/2011 1010
580-24912-6	YK-MW-3 (0-1)	Solid	03/10/2011 1250	03/11/2011 1010
580-24912-7	YK-MW-31 (0-1)	Solid	03/10/2011 1250	03/11/2011 1010
580-24912-8	YK-MW-3 (4-5)	Solid	03/10/2011 1310	03/11/2011 1010
580-24912-9	YK-MW-4 (0-1)	Solid	03/10/2011 1415	03/11/2011 1010
580-24912-10	YK-MW-4 (4-5)	Solid	03/10/2011 1430	03/11/2011 1010
580-24912-11	YK-SB5 (0-1)	Solid	03/10/2011 1340	03/11/2011 1010
580-24912-12	YK-SB05 (5-6)	Solid	03/10/2011 1350	03/11/2011 1010
580-24912-13	YK-SB09 (0-1)	Solid	03/10/2011 1510	03/11/2011 1010
580-24912-14	YK-SB09 D(0-1)	Solid	03/10/2011 1510	03/11/2011 1010
580-24912-15	YK-SB09 (4-5)	Solid	03/10/2011 1520	03/11/2011 1010

METHOD SUMMARY

Client: MWH Americas Inc

Job Number: 580-24912-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL SEA	SW846 8260B	
Closed System Purge and Trap	TAL SEA		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL SEA	SW846 8270C	
Ultrasonic Extraction	TAL SEA		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SEA	SW846 8082	
Ultrasonic Extraction	TAL SEA		SW846 3550B
Metals (ICP/MS)	TAL SEA	SW846 6020	
Preparation, Metals	TAL SEA		SW846 3050B
Mercury (CVAA)	TAL SEA	SW846 7471A	
Preparation, Mercury	TAL SEA		SW846 7471A
Percent Moisture	TAL SEA	EPA Moisture	

Lab References:

TAL SEA = TestAmerica Seattle

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (0-1)**

Lab Sample ID: 580-24912-1 | Date Sampled: 03/10/2011 1100
Client Matrix: Solid | % Moisture: 21.7 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134453.D
Dilution:	1.0			Initial Weight/Volume:	15.68 g
Date Analyzed:	03/11/2011 1645			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		8.2	33
Chloromethane		ND		82	330
Vinyl chloride		ND		1.6	6.6
Bromomethane		ND		29	110
Chloroethane		ND		82	330
Trichlorofluoromethane		ND		8.2	33
1,1-Dichloroethene		ND		4.1	16
Methylene Chloride		ND		8.2	33
trans-1,2-Dichloroethene		ND		8.2	33
1,1-Dichloroethane		ND		8.2	33
2,2-Dichloropropane		ND		8.2	33
cis-1,2-Dichloroethene		ND		8.2	33
Chlorobromomethane		ND		9.9	33
Chloroform		ND		8.2	33
1,1,1-Trichloroethane		ND		8.2	33
Carbon tetrachloride		ND		4.1	16
1,1-Dichloropropene		ND		8.2	33
Benzene		ND		3.3	13
1,2-Dichloroethane		ND		8.2	33
Trichloroethene		ND		3.3	13
1,2-Dichloropropane		ND		3.2	9.9
Dibromomethane		ND		8.2	33
Dichlorobromomethane		ND		8.2	33
cis-1,3-Dichloropropene		ND		3.3	13
Toluene		130		8.2	33
trans-1,3-Dichloropropene		ND		3.3	13
1,1,2-Trichloroethane		ND		2.5	9.9
Tetrachloroethene		ND		4.1	16
1,3-Dichloropropane		ND		8.2	33
Chlorodibromomethane		ND		8.2	33
Ethylene Dibromide		ND		8.2	33
Chlorobenzene		ND		8.2	33
Ethylbenzene		ND		8.2	33
1,1,1,2-Tetrachloroethane		ND		8.2	33
1,1,2,2-Tetrachloroethane		ND		2.7	8.2
m-Xylene & p-Xylene		ND		8.2	33
o-Xylene		ND		8.2	33
Styrene		ND		8.2	33
Bromoform		ND		9.0	33
Isopropylbenzene		ND		8.2	33
Bromobenzene		ND		8.2	33
N-Propylbenzene		ND		8.2	33
1,2,3-Trichloropropane		ND		9.5	33
2-Chlorotoluene		ND		8.2	33
1,3,5-Trimethylbenzene		ND		8.2	33
4-Chlorotoluene		ND		11	33

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (0-1)**

Lab Sample ID: 580-24912-1 | Date Sampled: 03/10/2011 1100
Client Matrix: Solid | % Moisture: 21.7 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134453.D
Dilution:	1.0			Initial Weight/Volume:	15.68 g
Date Analyzed:	03/11/2011 1645			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		8.2	33
1,2,4-Trimethylbenzene		ND		8.2	33
sec-Butylbenzene		ND		8.2	33
1,3-Dichlorobenzene		ND		8.2	33
4-Isopropyltoluene		ND		8.2	33
1,4-Dichlorobenzene		ND		8.2	33
n-Butylbenzene		ND		8.2	33
1,2-Dichlorobenzene		ND		8.2	33
1,2-Dibromo-3-Chloropropane		ND		54	160
1,2,4-Trichlorobenzene		ND		8.2	33
1,2,3-Trichlorobenzene		ND		8.2	33
Hexachlorobutadiene		ND		8.2	33
Naphthalene		ND		8.2	33
Methyl tert-butyl ether		ND		8.2	33

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	91		85 - 115
Ethylbenzene-d10	120		75 - 125
4-Bromofluorobenzene (Surr)	107		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5)**

Lab Sample ID: 580-24912-2 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.4 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134454.D
Dilution:	1.0			Initial Weight/Volume:	14.89 g
Date Analyzed:	03/11/2011 1709			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		9.5	38
Chloromethane		ND		95	380
Vinyl chloride		ND		1.9	7.6
Bromomethane		ND		33	130
Chloroethane		ND		95	380
Trichlorofluoromethane		ND		9.5	38
1,1-Dichloroethene		ND		4.7	19
Methylene Chloride		ND		9.5	38
trans-1,2-Dichloroethene		ND		9.5	38
1,1-Dichloroethane		ND		9.5	38
2,2-Dichloropropane		ND		9.5	38
cis-1,2-Dichloroethene		ND		9.5	38
Chlorobromomethane		ND		11	38
Chloroform		ND		9.5	38
1,1,1-Trichloroethane		ND		9.5	38
Carbon tetrachloride		ND		4.7	19
1,1-Dichloropropene		ND		9.5	38
Benzene		ND		3.8	15
1,2-Dichloroethane		ND		9.5	38
Trichloroethene		ND		3.8	15
1,2-Dichloropropane		ND		3.7	11
Dibromomethane		ND		9.5	38
Dichlorobromomethane		ND		9.5	38
cis-1,3-Dichloropropene		ND		3.8	15
Toluene		ND		9.5	38
trans-1,3-Dichloropropene		ND		3.8	15
1,1,2-Trichloroethane		ND		2.8	11
Tetrachloroethene		ND		4.7	19
1,3-Dichloropropane		ND		9.5	38
Chlorodibromomethane		ND		9.5	38
Ethylene Dibromide		ND		9.5	38
Chlorobenzene		ND		9.5	38
Ethylbenzene		ND		9.5	38
1,1,1,2-Tetrachloroethane		ND		9.5	38
1,1,2,2-Tetrachloroethane		ND		3.1	9.5
m-Xylene & p-Xylene		ND		9.5	38
o-Xylene		ND		9.5	38
Styrene		ND		9.5	38
Bromoform		ND		10	38
Isopropylbenzene		ND		9.5	38
Bromobenzene		ND		9.5	38
N-Propylbenzene		ND		9.5	38
1,2,3-Trichloropropane		ND		11	38
2-Chlorotoluene		ND		9.5	38
1,3,5-Trimethylbenzene		ND		9.5	38
4-Chlorotoluene		ND		12	38

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5)**

Lab Sample ID: 580-24912-2 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.4 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134454.D
Dilution:	1.0			Initial Weight/Volume:	14.89 g
Date Analyzed:	03/11/2011 1709			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		9.5	38
1,2,4-Trimethylbenzene		ND		9.5	38
sec-Butylbenzene		ND		9.5	38
1,3-Dichlorobenzene		ND		9.5	38
4-Isopropyltoluene		ND		9.5	38
1,4-Dichlorobenzene		ND		9.5	38
n-Butylbenzene		ND		9.5	38
1,2-Dichlorobenzene		ND		9.5	38
1,2-Dibromo-3-Chloropropane		ND		63	190
1,2,4-Trichlorobenzene		ND		9.5	38
1,2,3-Trichlorobenzene		ND		9.5	38
Hexachlorobutadiene		ND		9.5	38
Naphthalene		ND		9.5	38
Methyl tert-butyl ether		ND		9.5	38

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	93		85 - 115
Ethylbenzene-d10	115		75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5) Dup**

Lab Sample ID: 580-24912-3 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.5 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134455.D
Dilution:	1.0			Initial Weight/Volume:	16.71 g
Date Analyzed:	03/11/2011 1733			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		8.5	34
Chloromethane		ND		85	340
Vinyl chloride		ND		1.7	6.8
Bromomethane		ND		30	120
Chloroethane		ND		85	340
Trichlorofluoromethane		ND		8.5	34
1,1-Dichloroethene		ND		4.2	17
Methylene Chloride		ND		8.5	34
trans-1,2-Dichloroethene		ND		8.5	34
1,1-Dichloroethane		ND		8.5	34
2,2-Dichloropropane		ND		8.5	34
cis-1,2-Dichloroethene		ND		8.5	34
Chlorobromomethane		ND		10	34
Chloroform		ND		8.5	34
1,1,1-Trichloroethane		ND		8.5	34
Carbon tetrachloride		ND		4.2	17
1,1-Dichloropropene		ND		8.5	34
Benzene		ND		3.4	14
1,2-Dichloroethane		ND		8.5	34
Trichloroethene		ND		3.4	14
1,2-Dichloropropane		ND		3.3	10
Dibromomethane		ND		8.5	34
Dichlorobromomethane		ND		8.5	34
cis-1,3-Dichloropropene		ND		3.4	14
Toluene		ND		8.5	34
trans-1,3-Dichloropropene		ND		3.4	14
1,1,2-Trichloroethane		ND		2.5	10
Tetrachloroethene		ND		4.2	17
1,3-Dichloropropane		ND		8.5	34
Chlorodibromomethane		ND		8.5	34
Ethylene Dibromide		ND		8.5	34
Chlorobenzene		ND		8.5	34
Ethylbenzene		ND		8.5	34
1,1,1,2-Tetrachloroethane		ND		8.5	34
1,1,2,2-Tetrachloroethane		ND		2.8	8.5
m-Xylene & p-Xylene		ND		8.5	34
o-Xylene		ND		8.5	34
Styrene		ND		8.5	34
Bromoform		ND		9.3	34
Isopropylbenzene		ND		8.5	34
Bromobenzene		ND		8.5	34
N-Propylbenzene		ND		8.5	34
1,2,3-Trichloropropane		ND		9.8	34
2-Chlorotoluene		ND		8.5	34
1,3,5-Trimethylbenzene		ND		8.5	34
4-Chlorotoluene		ND		11	34

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5) Dup**

Lab Sample ID: 580-24912-3 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.5 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134455.D
Dilution:	1.0			Initial Weight/Volume:	16.71 g
Date Analyzed:	03/11/2011 1733			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		8.5	34
1,2,4-Trimethylbenzene		ND		8.5	34
sec-Butylbenzene		ND		8.5	34
1,3-Dichlorobenzene		ND		8.5	34
4-Isopropyltoluene		ND		8.5	34
1,4-Dichlorobenzene		ND		8.5	34
n-Butylbenzene		ND		8.5	34
1,2-Dichlorobenzene		ND		8.5	34
1,2-Dibromo-3-Chloropropane		ND		56	170
1,2,4-Trichlorobenzene		ND		8.5	34
1,2,3-Trichlorobenzene		ND		8.5	34
Hexachlorobutadiene		ND		8.5	34
Naphthalene		ND		8.5	34
Methyl tert-butyl ether		ND		8.5	34

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	90		85 - 115
Ethylbenzene-d10	114		75 - 125
4-Bromofluorobenzene (Surr)	100		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (0-1)**

Lab Sample ID: 580-24912-4 | Date Sampled: 03/10/2011 1215
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134456.D
Dilution:	1.0			Initial Weight/Volume:	18.81 g
Date Analyzed:	03/11/2011 1758			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.1	28
Chloromethane		ND		71	280
Vinyl chloride		ND		1.4	5.7
Bromomethane		ND		25	99
Chloroethane		ND		71	280
Trichlorofluoromethane		ND		7.1	28
1,1-Dichloroethene		ND		3.5	14
Methylene Chloride		ND		7.1	28
trans-1,2-Dichloroethene		ND		7.1	28
1,1-Dichloroethane		ND		7.1	28
2,2-Dichloropropane		ND		7.1	28
cis-1,2-Dichloroethene		ND		7.1	28
Chlorobromomethane		ND		8.5	28
Chloroform		ND		7.1	28
1,1,1-Trichloroethane		ND		7.1	28
Carbon tetrachloride		ND		3.5	14
1,1-Dichloropropene		ND		7.1	28
Benzene		ND		2.8	11
1,2-Dichloroethane		ND		7.1	28
Trichloroethene		ND		2.8	11
1,2-Dichloropropane		ND		2.8	8.5
Dibromomethane		ND		7.1	28
Dichlorobromomethane		ND		7.1	28
cis-1,3-Dichloropropene		ND		2.8	11
Toluene		ND		7.1	28
trans-1,3-Dichloropropene		ND		2.8	11
1,1,2-Trichloroethane		ND		2.1	8.5
Tetrachloroethene		ND		3.5	14
1,3-Dichloropropane		ND		7.1	28
Chlorodibromomethane		ND		7.1	28
Ethylene Dibromide		ND		7.1	28
Chlorobenzene		ND		7.1	28
Ethylbenzene		ND		7.1	28
1,1,1,2-Tetrachloroethane		ND		7.1	28
1,1,2,2-Tetrachloroethane		ND		2.3	7.1
m-Xylene & p-Xylene		ND		7.1	28
o-Xylene		ND		7.1	28
Styrene		ND		7.1	28
Bromoform		ND		7.8	28
Isopropylbenzene		ND		7.1	28
Bromobenzene		ND		7.1	28
N-Propylbenzene		ND		7.1	28
1,2,3-Trichloropropane		ND		8.2	28
2-Chlorotoluene		ND		7.1	28
1,3,5-Trimethylbenzene		ND		7.1	28
4-Chlorotoluene		ND		9.2	28

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (0-1)**

Lab Sample ID: 580-24912-4 | Date Sampled: 03/10/2011 1215
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134456.D
Dilution:	1.0			Initial Weight/Volume:	18.81 g
Date Analyzed:	03/11/2011 1758			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.1	28
1,2,4-Trimethylbenzene		ND		7.1	28
sec-Butylbenzene		ND		7.1	28
1,3-Dichlorobenzene		ND		7.1	28
4-Isopropyltoluene		ND		7.1	28
1,4-Dichlorobenzene		ND		7.1	28
n-Butylbenzene		ND		7.1	28
1,2-Dichlorobenzene		ND		7.1	28
1,2-Dibromo-3-Chloropropane		ND		47	140
1,2,4-Trichlorobenzene		ND		7.1	28
1,2,3-Trichlorobenzene		ND		7.1	28
Hexachlorobutadiene		ND		7.1	28
Naphthalene		ND		7.1	28
Methyl tert-butyl ether		ND		7.1	28

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	92		85 - 115
Ethylbenzene-d10	112		75 - 125
4-Bromofluorobenzene (Surr)	98		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (4-5)**

Lab Sample ID: 580-24912-5 | Date Sampled: 03/10/2011 1225
Client Matrix: Solid | % Moisture: 30.6 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134457.D
Dilution:	1.0			Initial Weight/Volume:	13.57 g
Date Analyzed:	03/11/2011 1822			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		11	43
Chloromethane		ND		110	430
Vinyl chloride		ND		2.1	8.6
Bromomethane		ND		38	150
Chloroethane		ND		110	430
Trichlorofluoromethane		ND		11	43
1,1-Dichloroethene		ND		5.4	21
Methylene Chloride		ND		11	43
trans-1,2-Dichloroethene		ND		11	43
1,1-Dichloroethane		ND		11	43
2,2-Dichloropropane		ND		11	43
cis-1,2-Dichloroethene		ND		11	43
Chlorobromomethane		ND		13	43
Chloroform		ND		11	43
1,1,1-Trichloroethane		ND		11	43
Carbon tetrachloride		ND		5.4	21
1,1-Dichloropropene		ND		11	43
Benzene		ND		4.3	17
1,2-Dichloroethane		ND		11	43
Trichloroethene		ND		4.3	17
1,2-Dichloropropane		ND		4.2	13
Dibromomethane		ND		11	43
Dichlorobromomethane		ND		11	43
cis-1,3-Dichloropropene		ND		4.3	17
Toluene		ND		11	43
trans-1,3-Dichloropropene		ND		4.3	17
1,1,2-Trichloroethane		ND		3.2	13
Tetrachloroethene		ND		5.4	21
1,3-Dichloropropane		ND		11	43
Chlorodibromomethane		ND		11	43
Ethylene Dibromide		ND		11	43
Chlorobenzene		ND		11	43
Ethylbenzene		ND		11	43
1,1,1,2-Tetrachloroethane		ND		11	43
1,1,2,2-Tetrachloroethane		ND		3.5	11
m-Xylene & p-Xylene		ND		11	43
o-Xylene		ND		11	43
Styrene		ND		11	43
Bromoform		ND		12	43
Isopropylbenzene		ND		11	43
Bromobenzene		ND		11	43
N-Propylbenzene		ND		11	43
1,2,3-Trichloropropane		ND		12	43
2-Chlorotoluene		ND		11	43
1,3,5-Trimethylbenzene		ND		11	43
4-Chlorotoluene		ND		14	43

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (4-5)**

Lab Sample ID: 580-24912-5 | Date Sampled: 03/10/2011 1225
Client Matrix: Solid | % Moisture: 30.6 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134457.D
Dilution:	1.0			Initial Weight/Volume:	13.57 g
Date Analyzed:	03/11/2011 1822			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		11	43
1,2,4-Trimethylbenzene		ND		11	43
sec-Butylbenzene		ND		11	43
1,3-Dichlorobenzene		ND		11	43
4-Isopropyltoluene		ND		11	43
1,4-Dichlorobenzene		ND		11	43
n-Butylbenzene		ND		11	43
1,2-Dichlorobenzene		ND		11	43
1,2-Dibromo-3-Chloropropane		ND		71	210
1,2,4-Trichlorobenzene		ND		11	43
1,2,3-Trichlorobenzene		ND		11	43
Hexachlorobutadiene		ND		11	43
Naphthalene		ND		11	43
Methyl tert-butyl ether		ND		11	43

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	90		85 - 115
Ethylbenzene-d10	108		75 - 125
4-Bromofluorobenzene (Surr)	95		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (0-1)**

Lab Sample ID: 580-24912-6 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 25.6 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134458.D
Dilution:	1.0			Initial Weight/Volume:	16.64 g
Date Analyzed:	03/11/2011 1846			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		8.2	33
Chloromethane		ND		82	330
Vinyl chloride		ND		1.6	6.5
Bromomethane		ND		29	110
Chloroethane		ND		82	330
Trichlorofluoromethane		ND		8.2	33
1,1-Dichloroethene		ND		4.1	16
Methylene Chloride		ND		8.2	33
trans-1,2-Dichloroethene		ND		8.2	33
1,1-Dichloroethane		ND		8.2	33
2,2-Dichloropropane		ND		8.2	33
cis-1,2-Dichloroethene		ND		8.2	33
Chlorobromomethane		ND		9.8	33
Chloroform		ND		8.2	33
1,1,1-Trichloroethane		ND		8.2	33
Carbon tetrachloride		ND		4.1	16
1,1-Dichloropropene		ND		8.2	33
Benzene		ND		3.3	13
1,2-Dichloroethane		ND		8.2	33
Trichloroethene		ND		3.3	13
1,2-Dichloropropane		ND		3.2	9.8
Dibromomethane		ND		8.2	33
Dichlorobromomethane		ND		8.2	33
cis-1,3-Dichloropropene		ND		3.3	13
Toluene		ND		8.2	33
trans-1,3-Dichloropropene		ND		3.3	13
1,1,2-Trichloroethane		ND		2.4	9.8
Tetrachloroethene		ND		4.1	16
1,3-Dichloropropane		ND		8.2	33
Chlorodibromomethane		ND		8.2	33
Ethylene Dibromide		ND		8.2	33
Chlorobenzene		ND		8.2	33
Ethylbenzene		ND		8.2	33
1,1,1,2-Tetrachloroethane		ND		8.2	33
1,1,2,2-Tetrachloroethane		ND		2.7	8.2
m-Xylene & p-Xylene		ND		8.2	33
o-Xylene		ND		8.2	33
Styrene		ND		8.2	33
Bromoform		ND		9.0	33
Isopropylbenzene		ND		8.2	33
Bromobenzene		ND		8.2	33
N-Propylbenzene		ND		8.2	33
1,2,3-Trichloropropane		ND		9.5	33
2-Chlorotoluene		ND		8.2	33
1,3,5-Trimethylbenzene		ND		8.2	33
4-Chlorotoluene		ND		11	33

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (0-1)**

Lab Sample ID: 580-24912-6 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 25.6 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134458.D
Dilution:	1.0			Initial Weight/Volume:	16.64 g
Date Analyzed:	03/11/2011 1846			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		8.2	33
1,2,4-Trimethylbenzene		ND		8.2	33
sec-Butylbenzene		ND		8.2	33
1,3-Dichlorobenzene		ND		8.2	33
4-Isopropyltoluene		ND		8.2	33
1,4-Dichlorobenzene		ND		8.2	33
n-Butylbenzene		ND		8.2	33
1,2-Dichlorobenzene		ND		8.2	33
1,2-Dibromo-3-Chloropropane		ND		54	160
1,2,4-Trichlorobenzene		ND		8.2	33
1,2,3-Trichlorobenzene		ND		8.2	33
Hexachlorobutadiene		ND		8.2	33
Naphthalene		ND		8.2	33
Methyl tert-butyl ether		ND		8.2	33

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	90		85 - 115
Ethylbenzene-d10	115		75 - 125
4-Bromofluorobenzene (Surr)	103		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-31 (0-1)**

Lab Sample ID: 580-24912-7 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134459.D
Dilution:	1.0			Initial Weight/Volume:	16.95 g
Date Analyzed:	03/11/2011 1910			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.7	31
Chloromethane		ND		77	310
Vinyl chloride		ND		1.5	6.2
Bromomethane		ND		27	110
Chloroethane		ND		77	310
Trichlorofluoromethane		ND		7.7	31
1,1-Dichloroethene		ND		3.9	15
Methylene Chloride		ND		7.7	31
trans-1,2-Dichloroethene		ND		7.7	31
1,1-Dichloroethane		ND		7.7	31
2,2-Dichloropropane		ND		7.7	31
cis-1,2-Dichloroethene		ND		7.7	31
Chlorobromomethane		ND		9.2	31
Chloroform		ND		7.7	31
1,1,1-Trichloroethane		ND		7.7	31
Carbon tetrachloride		ND		3.9	15
1,1-Dichloropropene		ND		7.7	31
Benzene		ND		3.1	12
1,2-Dichloroethane		ND		7.7	31
Trichloroethene		ND		3.1	12
1,2-Dichloropropane		ND		3.0	9.2
Dibromomethane		ND		7.7	31
Dichlorobromomethane		ND		7.7	31
cis-1,3-Dichloropropene		ND		3.1	12
Toluene		ND		7.7	31
trans-1,3-Dichloropropene		ND		3.1	12
1,1,2-Trichloroethane		ND		2.3	9.2
Tetrachloroethene		ND		3.9	15
1,3-Dichloropropane		ND		7.7	31
Chlorodibromomethane		ND		7.7	31
Ethylene Dibromide		ND		7.7	31
Chlorobenzene		ND		7.7	31
Ethylbenzene		ND		7.7	31
1,1,1,2-Tetrachloroethane		ND		7.7	31
1,1,2,2-Tetrachloroethane		ND		2.5	7.7
m-Xylene & p-Xylene		ND		7.7	31
o-Xylene		ND		7.7	31
Styrene		ND		7.7	31
Bromoform		ND		8.5	31
Isopropylbenzene		ND		7.7	31
Bromobenzene		ND		7.7	31
N-Propylbenzene		ND		7.7	31
1,2,3-Trichloropropane		ND		8.9	31
2-Chlorotoluene		ND		7.7	31
1,3,5-Trimethylbenzene		ND		7.7	31
4-Chlorotoluene		ND		10	31

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-31 (0-1)**

Lab Sample ID: 580-24912-7 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134459.D
Dilution:	1.0			Initial Weight/Volume:	16.95 g
Date Analyzed:	03/11/2011 1910			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.7	31
1,2,4-Trimethylbenzene		ND		7.7	31
sec-Butylbenzene		ND		7.7	31
1,3-Dichlorobenzene		ND		7.7	31
4-Isopropyltoluene		ND		7.7	31
1,4-Dichlorobenzene		ND		7.7	31
n-Butylbenzene		ND		7.7	31
1,2-Dichlorobenzene		ND		7.7	31
1,2-Dibromo-3-Chloropropane		ND		51	150
1,2,4-Trichlorobenzene		ND		7.7	31
1,2,3-Trichlorobenzene		ND		7.7	31
Hexachlorobutadiene		ND		7.7	31
Naphthalene		ND		7.7	31
Methyl tert-butyl ether		ND		7.7	31

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	90		85 - 115
Ethylbenzene-d10	111		75 - 125
4-Bromofluorobenzene (Surr)	100		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (4-5)**

Lab Sample ID: 580-24912-8 | Date Sampled: 03/10/2011 1310
Client Matrix: Solid | % Moisture: 32.1 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134460.D
Dilution:	1.0			Initial Weight/Volume:	19.55 g
Date Analyzed:	03/11/2011 1934			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.6	31
Chloromethane		ND		76	310
Vinyl chloride		ND		1.5	6.1
Bromomethane		ND		27	110
Chloroethane		ND		76	310
Trichlorofluoromethane		ND		7.6	31
1,1-Dichloroethene		ND		3.8	15
Methylene Chloride		ND		7.6	31
trans-1,2-Dichloroethene		ND		7.6	31
1,1-Dichloroethane		ND		7.6	31
2,2-Dichloropropane		ND		7.6	31
cis-1,2-Dichloroethene		ND		7.6	31
Chlorobromomethane		ND		9.2	31
Chloroform		ND		7.6	31
1,1,1-Trichloroethane		ND		7.6	31
Carbon tetrachloride		ND		3.8	15
1,1-Dichloropropene		ND		7.6	31
Benzene		ND		3.1	12
1,2-Dichloroethane		ND		7.6	31
Trichloroethene		ND		3.1	12
1,2-Dichloropropane		ND		3.0	9.2
Dibromomethane		ND		7.6	31
Dichlorobromomethane		ND		7.6	31
cis-1,3-Dichloropropene		ND		3.1	12
Toluene		ND		7.6	31
trans-1,3-Dichloropropene		ND		3.1	12
1,1,2-Trichloroethane		ND		2.3	9.2
Tetrachloroethene		ND		3.8	15
1,3-Dichloropropane		ND		7.6	31
Chlorodibromomethane		ND		7.6	31
Ethylene Dibromide		ND		7.6	31
Chlorobenzene		ND		7.6	31
Ethylbenzene		ND		7.6	31
1,1,1,2-Tetrachloroethane		ND		7.6	31
1,1,2,2-Tetrachloroethane		ND		2.5	7.6
m-Xylene & p-Xylene		ND		7.6	31
o-Xylene		ND		7.6	31
Styrene		ND		7.6	31
Bromoform		ND		8.4	31
Isopropylbenzene		ND		7.6	31
Bromobenzene		ND		7.6	31
N-Propylbenzene		ND		7.6	31
1,2,3-Trichloropropane		ND		8.9	31
2-Chlorotoluene		ND		7.6	31
1,3,5-Trimethylbenzene		ND		7.6	31
4-Chlorotoluene		ND		9.9	31

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (4-5)**

Lab Sample ID: 580-24912-8 | Date Sampled: 03/10/2011 1310
Client Matrix: Solid | % Moisture: 32.1 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134460.D
Dilution:	1.0			Initial Weight/Volume:	19.55 g
Date Analyzed:	03/11/2011 1934			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.6	31
1,2,4-Trimethylbenzene		ND		7.6	31
sec-Butylbenzene		ND		7.6	31
1,3-Dichlorobenzene		ND		7.6	31
4-Isopropyltoluene		ND		7.6	31
1,4-Dichlorobenzene		ND		7.6	31
n-Butylbenzene		ND		7.6	31
1,2-Dichlorobenzene		ND		7.6	31
1,2-Dibromo-3-Chloropropane		ND		50	150
1,2,4-Trichlorobenzene		ND		7.6	31
1,2,3-Trichlorobenzene		ND		7.6	31
Hexachlorobutadiene		ND		7.6	31
Naphthalene		ND		7.6	31
Methyl tert-butyl ether		ND		7.6	31

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	114		75 - 125
4-Bromofluorobenzene (Surr)	99		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (0-1)**

Lab Sample ID: 580-24912-9 | Date Sampled: 03/10/2011 1415
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134461.D
Dilution:	1.0			Initial Weight/Volume:	18.75 g
Date Analyzed:	03/11/2011 1958			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.7	27
Chloromethane		ND		67	270
Vinyl chloride		ND		1.3	5.4
Bromomethane		ND		23	94
Chloroethane		ND		67	270
Trichlorofluoromethane		ND		6.7	27
1,1-Dichloroethene		ND		3.4	13
Methylene Chloride		ND		6.7	27
trans-1,2-Dichloroethene		ND		6.7	27
1,1-Dichloroethane		ND		6.7	27
2,2-Dichloropropane		ND		6.7	27
cis-1,2-Dichloroethene		ND		6.7	27
Chlorobromomethane		ND		8.0	27
Chloroform		ND		6.7	27
1,1,1-Trichloroethane		ND		6.7	27
Carbon tetrachloride		ND		3.4	13
1,1-Dichloropropene		ND		6.7	27
Benzene		ND		2.7	11
1,2-Dichloroethane		ND		6.7	27
Trichloroethene		ND		2.7	11
1,2-Dichloropropane		ND		2.6	8.0
Dibromomethane		ND		6.7	27
Dichlorobromomethane		ND		6.7	27
cis-1,3-Dichloropropene		ND		2.7	11
Toluene		ND		6.7	27
trans-1,3-Dichloropropene		ND		2.7	11
1,1,2-Trichloroethane		ND		2.0	8.0
Tetrachloroethene		ND		3.4	13
1,3-Dichloropropane		ND		6.7	27
Chlorodibromomethane		ND		6.7	27
Ethylene Dibromide		ND		6.7	27
Chlorobenzene		ND		6.7	27
Ethylbenzene		ND		6.7	27
1,1,1,2-Tetrachloroethane		ND		6.7	27
1,1,2,2-Tetrachloroethane		ND		2.2	6.7
m-Xylene & p-Xylene		ND		6.7	27
o-Xylene		ND		6.7	27
Styrene		ND		6.7	27
Bromoform		ND		7.4	27
Isopropylbenzene		ND		6.7	27
Bromobenzene		ND		6.7	27
N-Propylbenzene		ND		6.7	27
1,2,3-Trichloropropane		ND		7.8	27
2-Chlorotoluene		ND		6.7	27
1,3,5-Trimethylbenzene		ND		6.7	27
4-Chlorotoluene		ND		8.7	27

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (0-1)**

Lab Sample ID: 580-24912-9 | Date Sampled: 03/10/2011 1415
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134461.D
Dilution:	1.0			Initial Weight/Volume:	18.75 g
Date Analyzed:	03/11/2011 1958			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.7	27
1,2,4-Trimethylbenzene		ND		6.7	27
sec-Butylbenzene		ND		6.7	27
1,3-Dichlorobenzene		ND		6.7	27
4-Isopropyltoluene		ND		6.7	27
1,4-Dichlorobenzene		ND		6.7	27
n-Butylbenzene		ND		6.7	27
1,2-Dichlorobenzene		ND		6.7	27
1,2-Dibromo-3-Chloropropane		ND		44	130
1,2,4-Trichlorobenzene		ND		6.7	27
1,2,3-Trichlorobenzene		ND		6.7	27
Hexachlorobutadiene		ND		6.7	27
Naphthalene		ND		6.7	27
Methyl tert-butyl ether		ND		6.7	27

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	112		75 - 125
4-Bromofluorobenzene (Surr)	97		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (4-5)**

Lab Sample ID: 580-24912-10 | Date Sampled: 03/10/2011 1430
Client Matrix: Solid | % Moisture: 29.0 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134462.D
Dilution:	1.0			Initial Weight/Volume:	19.22 g
Date Analyzed:	03/11/2011 2023			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.4	30
Chloromethane		ND		74	300
Vinyl chloride		ND		1.5	5.9
Bromomethane		ND		26	100
Chloroethane		ND		74	300
Trichlorofluoromethane		ND		7.4	30
1,1-Dichloroethene		ND		3.7	15
Methylene Chloride		ND		7.4	30
trans-1,2-Dichloroethene		ND		7.4	30
1,1-Dichloroethane		ND		7.4	30
2,2-Dichloropropane		ND		7.4	30
cis-1,2-Dichloroethene		ND		7.4	30
Chlorobromomethane		ND		8.9	30
Chloroform		ND		7.4	30
1,1,1-Trichloroethane		ND		7.4	30
Carbon tetrachloride		ND		3.7	15
1,1-Dichloropropene		ND		7.4	30
Benzene		ND		3.0	12
1,2-Dichloroethane		ND		7.4	30
Trichloroethene		ND		3.0	12
1,2-Dichloropropane		ND		2.9	8.9
Dibromomethane		ND		7.4	30
Dichlorobromomethane		ND		7.4	30
cis-1,3-Dichloropropene		ND		3.0	12
Toluene		ND		7.4	30
trans-1,3-Dichloropropene		ND		3.0	12
1,1,2-Trichloroethane		ND		2.2	8.9
Tetrachloroethene		ND		3.7	15
1,3-Dichloropropane		ND		7.4	30
Chlorodibromomethane		ND		7.4	30
Ethylene Dibromide		ND		7.4	30
Chlorobenzene		ND		7.4	30
Ethylbenzene		ND		7.4	30
1,1,1,2-Tetrachloroethane		ND		7.4	30
1,1,2,2-Tetrachloroethane		ND		2.5	7.4
m-Xylene & p-Xylene		ND		7.4	30
o-Xylene		ND		7.4	30
Styrene		ND		7.4	30
Bromoform		ND		8.2	30
Isopropylbenzene		ND		7.4	30
Bromobenzene		ND		7.4	30
N-Propylbenzene		ND		7.4	30
1,2,3-Trichloropropane		ND		8.6	30
2-Chlorotoluene		ND		7.4	30
1,3,5-Trimethylbenzene		ND		7.4	30
4-Chlorotoluene		ND		9.7	30

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (4-5)**

Lab Sample ID: 580-24912-10 | Date Sampled: 03/10/2011 1430
Client Matrix: Solid | % Moisture: 29.0 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82138		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134462.D
Dilution:	1.0			Initial Weight/Volume:	19.22 g
Date Analyzed:	03/11/2011 2023			Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.4	30
1,2,4-Trimethylbenzene		ND		7.4	30
sec-Butylbenzene		ND		7.4	30
1,3-Dichlorobenzene		ND		7.4	30
4-Isopropyltoluene		ND		7.4	30
1,4-Dichlorobenzene		ND		7.4	30
n-Butylbenzene		ND		7.4	30
1,2-Dichlorobenzene		ND		7.4	30
1,2-Dibromo-3-Chloropropane		ND		49	150
1,2,4-Trichlorobenzene		ND		7.4	30
1,2,3-Trichlorobenzene		ND		7.4	30
Hexachlorobutadiene		ND		7.4	30
Naphthalene		ND		7.4	30
Methyl tert-butyl ether		ND		7.4	30

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	86		85 - 115
Ethylbenzene-d10	111		75 - 125
4-Bromofluorobenzene (Surr)	98		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB5 (0-1)**

Lab Sample ID: 580-24912-11 | Date Sampled: 03/10/2011 1340
Client Matrix: Solid | % Moisture: 22.1 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134533.D
Dilution:	1.0			Initial Weight/Volume:	21.01 g
Date Analyzed:	03/13/2011 2036	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.2	25
Chloromethane		ND		62	250
Vinyl chloride		ND		1.2	4.9
Bromomethane		ND		22	87
Chloroethane		ND		62	250
Trichlorofluoromethane		ND		6.2	25
1,1-Dichloroethene		ND		3.1	12
Methylene Chloride		ND		6.2	25
trans-1,2-Dichloroethene		ND		6.2	25
1,1-Dichloroethane		ND		6.2	25
2,2-Dichloropropane		ND		6.2	25
cis-1,2-Dichloroethene		ND		6.2	25
Chlorobromomethane		ND		7.4	25
Chloroform		ND		6.2	25
1,1,1-Trichloroethane		ND		6.2	25
Carbon tetrachloride		ND		3.1	12
1,1-Dichloropropene		ND		6.2	25
Benzene		ND		2.5	9.9
1,2-Dichloroethane		ND		6.2	25
Trichloroethene		ND		2.5	9.9
1,2-Dichloropropane		ND		2.4	7.4
Dibromomethane		ND		6.2	25
Dichlorobromomethane		ND		6.2	25
cis-1,3-Dichloropropene		ND		2.5	9.9
Toluene		ND		6.2	25
trans-1,3-Dichloropropene		ND		2.5	9.9
1,1,2-Trichloroethane		ND		1.9	7.4
Tetrachloroethene		ND		3.1	12
1,3-Dichloropropane		ND		6.2	25
Chlorodibromomethane		ND		6.2	25
Ethylene Dibromide		ND		6.2	25
Chlorobenzene		ND		6.2	25
Ethylbenzene		ND		6.2	25
1,1,1,2-Tetrachloroethane		ND		6.2	25
1,1,2,2-Tetrachloroethane		ND		2.0	6.2
m-Xylene & p-Xylene		ND		6.2	25
o-Xylene		ND		6.2	25
Styrene		ND		6.2	25
Bromoform		ND		6.8	25
Isopropylbenzene		ND		6.2	25
Bromobenzene		ND		6.2	25
N-Propylbenzene		ND		6.2	25
1,2,3-Trichloropropane		ND		7.2	25
2-Chlorotoluene		ND		6.2	25
1,3,5-Trimethylbenzene		ND		6.2	25
4-Chlorotoluene		ND		8.0	25

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB5 (0-1)**

Lab Sample ID: 580-24912-11 | Date Sampled: 03/10/2011 1340
Client Matrix: Solid | % Moisture: 22.1 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134533.D
Dilution:	1.0			Initial Weight/Volume:	21.01 g
Date Analyzed:	03/13/2011 2036	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.2	25
1,2,4-Trimethylbenzene		ND		6.2	25
sec-Butylbenzene		ND		6.2	25
1,3-Dichlorobenzene		ND		6.2	25
4-Isopropyltoluene		ND		6.2	25
1,4-Dichlorobenzene		ND		6.2	25
n-Butylbenzene		ND		6.2	25
1,2-Dichlorobenzene		ND		6.2	25
1,2-Dibromo-3-Chloropropane		ND		41	120
1,2,4-Trichlorobenzene		ND		6.2	25
1,2,3-Trichlorobenzene		ND		6.2	25
Hexachlorobutadiene		ND		6.2	25
Naphthalene		ND		6.2	25
Methyl tert-butyl ether		ND		6.2	25

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	136	X	75 - 125
4-Bromofluorobenzene (Surr)	108		85 - 120

Client: MWH Americas Inc

Job Number: 580-24912-1

Client Sample ID: **YK-SB05 (5-6)**

Lab Sample ID: 580-24912-12
Client Matrix: Solid
% Moisture: 27.1
Date Sampled: 03/10/2011 1350
Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134534.D
Dilution:	1.0			Initial Weight/Volume:	17.89 g
Date Analyzed:	03/13/2011 2058	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.8	31
Chloromethane		ND		78	310
Vinyl chloride		ND		1.6	6.2
Bromomethane		ND		27	110
Chloroethane		ND		78	310
Trichlorofluoromethane		ND		7.8	31
1,1-Dichloroethene		ND		3.9	16
Methylene Chloride		ND		7.8	31
trans-1,2-Dichloroethene		ND		7.8	31
1,1-Dichloroethane		ND		7.8	31
2,2-Dichloropropane		ND		7.8	31
cis-1,2-Dichloroethene		ND		7.8	31
Chlorobromomethane		ND		9.3	31
Chloroform		ND		7.8	31
1,1,1-Trichloroethane		ND		7.8	31
Carbon tetrachloride		ND		3.9	16
1,1-Dichloropropene		ND		7.8	31
Benzene		ND		3.1	12
1,2-Dichloroethane		ND		7.8	31
Trichloroethene		ND		3.1	12
1,2-Dichloropropane		ND		3.0	9.3
Dibromomethane		ND		7.8	31
Dichlorobromomethane		ND		7.8	31
cis-1,3-Dichloropropene		ND		3.1	12
Toluene		ND		7.8	31
trans-1,3-Dichloropropene		ND		3.1	12
1,1,2-Trichloroethane		ND		2.3	9.3
Tetrachloroethene		ND		3.9	16
1,3-Dichloropropane		ND		7.8	31
Chlorodibromomethane		ND		7.8	31
Ethylene Dibromide		ND		7.8	31
Chlorobenzene		ND		7.8	31
Ethylbenzene		ND		7.8	31
1,1,1,2-Tetrachloroethane		ND		7.8	31
1,1,2,2-Tetrachloroethane		ND		2.6	7.8
m-Xylene & p-Xylene		ND		7.8	31
o-Xylene		ND		7.8	31
Styrene		ND		7.8	31
Bromoform		ND		8.5	31
Isopropylbenzene		ND		7.8	31
Bromobenzene		ND		7.8	31
N-Propylbenzene		ND		7.8	31
1,2,3-Trichloropropane		ND		9.0	31
2-Chlorotoluene		ND		7.8	31
1,3,5-Trimethylbenzene		ND		7.8	31
4-Chlorotoluene		ND		10	31

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB05 (5-6)**

Lab Sample ID: 580-24912-12 | Date Sampled: 03/10/2011 1350
Client Matrix: Solid | % Moisture: 27.1 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134534.D
Dilution:	1.0			Initial Weight/Volume:	17.89 g
Date Analyzed:	03/13/2011 2058	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.8	31
1,2,4-Trimethylbenzene		ND		7.8	31
sec-Butylbenzene		ND		7.8	31
1,3-Dichlorobenzene		ND		7.8	31
4-Isopropyltoluene		ND		7.8	31
1,4-Dichlorobenzene		ND		7.8	31
n-Butylbenzene		ND		7.8	31
1,2-Dichlorobenzene		ND		7.8	31
1,2-Dibromo-3-Chloropropane		ND		51	160
1,2,4-Trichlorobenzene		ND		7.8	31
1,2,3-Trichlorobenzene		ND		7.8	31
Hexachlorobutadiene		ND		7.8	31
Naphthalene		ND		7.8	31
Methyl tert-butyl ether		ND		7.8	31

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	132	X	75 - 125
4-Bromofluorobenzene (Surr)	105		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (0-1)**

Lab Sample ID: 580-24912-13 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134535.D
Dilution:	1.0			Initial Weight/Volume:	17.36 g
Date Analyzed:	03/13/2011 2120	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.3	29
Chloromethane		ND		73	290
Vinyl chloride		ND		1.5	5.8
Bromomethane		ND		25	100
Chloroethane		ND		73	290
Trichlorofluoromethane		ND		7.3	29
1,1-Dichloroethene		ND		3.6	15
Methylene Chloride		ND		7.3	29
trans-1,2-Dichloroethene		ND		7.3	29
1,1-Dichloroethane		ND		7.3	29
2,2-Dichloropropane		ND		7.3	29
cis-1,2-Dichloroethene		ND		7.3	29
Chlorobromomethane		ND		8.7	29
Chloroform		ND		7.3	29
1,1,1-Trichloroethane		ND		7.3	29
Carbon tetrachloride		ND		3.6	15
1,1-Dichloropropene		ND		7.3	29
Benzene		ND		2.9	12
1,2-Dichloroethane		ND		7.3	29
Trichloroethene		ND		2.9	12
1,2-Dichloropropane		ND		2.8	8.7
Dibromomethane		ND		7.3	29
Dichlorobromomethane		ND		7.3	29
cis-1,3-Dichloropropene		ND		2.9	12
Toluene		ND		7.3	29
trans-1,3-Dichloropropene		ND		2.9	12
1,1,2-Trichloroethane		ND		2.2	8.7
Tetrachloroethene		ND		3.6	15
1,3-Dichloropropane		ND		7.3	29
Chlorodibromomethane		ND		7.3	29
Ethylene Dibromide		ND		7.3	29
Chlorobenzene		ND		7.3	29
Ethylbenzene		ND		7.3	29
1,1,1,2-Tetrachloroethane		ND		7.3	29
1,1,2,2-Tetrachloroethane		ND		2.4	7.3
m-Xylene & p-Xylene		ND		7.3	29
o-Xylene		ND		7.3	29
Styrene		ND		7.3	29
Bromoform		ND		8.0	29
Isopropylbenzene		ND		7.3	29
Bromobenzene		ND		7.3	29
N-Propylbenzene		ND		7.3	29
1,2,3-Trichloropropane		ND		8.5	29
2-Chlorotoluene		ND		7.3	29
1,3,5-Trimethylbenzene		ND		7.3	29
4-Chlorotoluene		ND		9.5	29

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (0-1)**

Lab Sample ID: 580-24912-13 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134535.D
Dilution:	1.0			Initial Weight/Volume:	17.36 g
Date Analyzed:	03/13/2011 2120	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.3	29
1,2,4-Trimethylbenzene		ND		7.3	29
sec-Butylbenzene		ND		7.3	29
1,3-Dichlorobenzene		ND		7.3	29
4-Isopropyltoluene		ND		7.3	29
1,4-Dichlorobenzene		ND		7.3	29
n-Butylbenzene		ND		7.3	29
1,2-Dichlorobenzene		ND		7.3	29
1,2-Dibromo-3-Chloropropane		ND		48	150
1,2,4-Trichlorobenzene		ND		7.3	29
1,2,3-Trichlorobenzene		ND		7.3	29
Hexachlorobutadiene		ND		7.3	29
Naphthalene		ND		7.3	29
Methyl tert-butyl ether		ND		7.3	29

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	129	X	75 - 125
4-Bromofluorobenzene (Surr)	111		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 D(0-1)**

Lab Sample ID: 580-24912-14 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134536.D
Dilution:	1.0			Initial Weight/Volume:	17.77 g
Date Analyzed:	03/13/2011 2143	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.1	28
Chloromethane		ND		71	280
Vinyl chloride		ND		1.4	5.7
Bromomethane		ND		25	99
Chloroethane		ND		71	280
Trichlorofluoromethane		ND		7.1	28
1,1-Dichloroethene		ND		3.5	14
Methylene Chloride		ND		7.1	28
trans-1,2-Dichloroethene		ND		7.1	28
1,1-Dichloroethane		ND		7.1	28
2,2-Dichloropropane		ND		7.1	28
cis-1,2-Dichloroethene		ND		7.1	28
Chlorobromomethane		ND		8.5	28
Chloroform		ND		7.1	28
1,1,1-Trichloroethane		ND		7.1	28
Carbon tetrachloride		ND		3.5	14
1,1-Dichloropropene		ND		7.1	28
Benzene		ND		2.8	11
1,2-Dichloroethane		ND		7.1	28
Trichloroethene		ND		2.8	11
1,2-Dichloropropane		ND		2.8	8.5
Dibromomethane		ND		7.1	28
Dichlorobromomethane		ND		7.1	28
cis-1,3-Dichloropropene		ND		2.8	11
Toluene		ND		7.1	28
trans-1,3-Dichloropropene		ND		2.8	11
1,1,2-Trichloroethane		ND		2.1	8.5
Tetrachloroethene		ND		3.5	14
1,3-Dichloropropane		ND		7.1	28
Chlorodibromomethane		ND		7.1	28
Ethylene Dibromide		ND		7.1	28
Chlorobenzene		ND		7.1	28
Ethylbenzene		ND		7.1	28
1,1,1,2-Tetrachloroethane		ND		7.1	28
1,1,2,2-Tetrachloroethane		ND		2.3	7.1
m-Xylene & p-Xylene		ND		7.1	28
o-Xylene		ND		7.1	28
Styrene		ND		7.1	28
Bromoform		ND		7.8	28
Isopropylbenzene		ND		7.1	28
Bromobenzene		ND		7.1	28
N-Propylbenzene		ND		7.1	28
1,2,3-Trichloropropane		ND		8.2	28
2-Chlorotoluene		ND		7.1	28
1,3,5-Trimethylbenzene		ND		7.1	28
4-Chlorotoluene		ND		9.2	28

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 D(0-1)**

Lab Sample ID: 580-24912-14 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134536.D
Dilution:	1.0			Initial Weight/Volume:	17.77 g
Date Analyzed:	03/13/2011 2143	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.1	28
1,2,4-Trimethylbenzene		ND		7.1	28
sec-Butylbenzene		ND		7.1	28
1,3-Dichlorobenzene		ND		7.1	28
4-Isopropyltoluene		ND		7.1	28
1,4-Dichlorobenzene		ND		7.1	28
n-Butylbenzene		ND		7.1	28
1,2-Dichlorobenzene		ND		7.1	28
1,2-Dibromo-3-Chloropropane		ND		47	140
1,2,4-Trichlorobenzene		ND		7.1	28
1,2,3-Trichlorobenzene		ND		7.1	28
Hexachlorobutadiene		ND		7.1	28
Naphthalene		ND		7.1	28
Methyl tert-butyl ether		ND		7.1	28

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	127	X	75 - 125
4-Bromofluorobenzene (Surr)	109		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (4-5)**

Lab Sample ID: 580-24912-15 | Date Sampled: 03/10/2011 1520
Client Matrix: Solid | % Moisture: 22.8 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134537.D
Dilution:	1.0			Initial Weight/Volume:	19.52 g
Date Analyzed:	03/13/2011 2205	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.7	27
Chloromethane		ND		67	270
Vinyl chloride		ND		1.3	5.4
Bromomethane		ND		23	94
Chloroethane		ND		67	270
Trichlorofluoromethane		ND		6.7	27
1,1-Dichloroethene		ND		3.4	13
Methylene Chloride		ND		6.7	27
trans-1,2-Dichloroethene		ND		6.7	27
1,1-Dichloroethane		ND		6.7	27
2,2-Dichloropropane		ND		6.7	27
cis-1,2-Dichloroethene		ND		6.7	27
Chlorobromomethane		ND		8.0	27
Chloroform		ND		6.7	27
1,1,1-Trichloroethane		ND		6.7	27
Carbon tetrachloride		ND		3.4	13
1,1-Dichloropropene		ND		6.7	27
Benzene		ND		2.7	11
1,2-Dichloroethane		ND		6.7	27
Trichloroethene		ND		2.7	11
1,2-Dichloropropane		ND		2.6	8.0
Dibromomethane		ND		6.7	27
Dichlorobromomethane		ND		6.7	27
cis-1,3-Dichloropropene		ND		2.7	11
Toluene		ND		6.7	27
trans-1,3-Dichloropropene		ND		2.7	11
1,1,2-Trichloroethane		ND		2.0	8.0
Tetrachloroethene		ND		3.4	13
1,3-Dichloropropane		ND		6.7	27
Chlorodibromomethane		ND		6.7	27
Ethylene Dibromide		ND		6.7	27
Chlorobenzene		ND		6.7	27
Ethylbenzene		ND		6.7	27
1,1,1,2-Tetrachloroethane		ND		6.7	27
1,1,2,2-Tetrachloroethane		ND		2.2	6.7
m-Xylene & p-Xylene		ND		6.7	27
o-Xylene		ND		6.7	27
Styrene		ND		6.7	27
Bromoform		ND		7.4	27
Isopropylbenzene		ND		6.7	27
Bromobenzene		ND		6.7	27
N-Propylbenzene		ND		6.7	27
1,2,3-Trichloropropane		ND		7.8	27
2-Chlorotoluene		ND		6.7	27
1,3,5-Trimethylbenzene		ND		6.7	27
4-Chlorotoluene		ND		8.7	27

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (4-5)**

Lab Sample ID: 580-24912-15 | Date Sampled: 03/10/2011 1520
Client Matrix: Solid | % Moisture: 22.8 | Date Received: 03/11/2011 1010

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82103		Lab File ID:	VB00134537.D
Dilution:	1.0			Initial Weight/Volume:	19.52 g
Date Analyzed:	03/13/2011 2205	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/11/2011 1325				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.7	27
1,2,4-Trimethylbenzene		ND		6.7	27
sec-Butylbenzene		ND		6.7	27
1,3-Dichlorobenzene		ND		6.7	27
4-Isopropyltoluene		ND		6.7	27
1,4-Dichlorobenzene		ND		6.7	27
n-Butylbenzene		ND		6.7	27
1,2-Dichlorobenzene		ND		6.7	27
1,2-Dibromo-3-Chloropropane		ND		44	130
1,2,4-Trichlorobenzene		ND		6.7	27
1,2,3-Trichlorobenzene		ND		6.7	27
Hexachlorobutadiene		ND		6.7	27
Naphthalene		ND		6.7	27
Methyl tert-butyl ether		ND		6.7	27

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	106		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	124		75 - 125
4-Bromofluorobenzene (Surr)	106		85 - 120

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (0-1)**

Lab Sample ID: 580-24912-1 | Date Sampled: 03/10/2011 1100
Client Matrix: Solid | % Moisture: 21.7 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024466.D
Dilution:	1.0			Initial Weight/Volume:	10.3786 g
Date Analyzed:	03/13/2011 1523			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	62
1,4-Dichlorobenzene		ND		18	62
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	62
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	250
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND		6.2	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	62
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.2	62
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (0-1)**

Lab Sample ID: 580-24912-1 | Date Sampled: 03/10/2011 1100
Client Matrix: Solid | % Moisture: 21.7 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024466.D
Dilution:	1.0			Initial Weight/Volume:	10.3786 g
Date Analyzed:	03/13/2011 1523			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	250
Phenanthrene		24	J	6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		34		6.2	25
Pyrene		43		6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND		37	250
Benzo[a]anthracene		25	J	6.2	31
Chrysene		23	J	6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1800
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		18	J	6.2	37
Indeno[1,2,3-cd]pyrene		8.1	J	6.2	49
Dibenz(a,h)anthracene		ND		6.2	49
Benzo[g,h,i]perylene		10	J	6.2	31
Carbazole		ND		6.2	180
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		20	J	6.2	25
Benzo[k]fluoranthene		9.8	J	6.2	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	90		36 - 145
Phenol-d5	89		38 - 149
Nitrobenzene-d5	91		38 - 141
2-Fluorobiphenyl	83		42 - 140
2,4,6-Tribromophenol	80		28 - 143
Terphenyl-d14	75		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5)**

Lab Sample ID: 580-24912-2 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.4 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024467.D
Dilution:	1.0			Initial Weight/Volume:	10.6280 g
Date Analyzed:	03/13/2011 1544			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		20	130
Bis(2-chloroethyl)ether		ND		20	130
2-Chlorophenol		ND		20	130
1,3-Dichlorobenzene		ND		20	66
1,4-Dichlorobenzene		ND		20	66
Benzyl alcohol		ND		20	130
1,2-Dichlorobenzene		ND		20	66
2-Methylphenol		ND		20	130
3 & 4 Methylphenol		ND		20	260
N-Nitrosodi-n-propylamine		ND		20	130
Hexachloroethane		ND		20	130
Nitrobenzene		ND		45	130
Isophorone		ND		6.6	130
2-Nitrophenol		ND		20	130
2,4-Dimethylphenol		ND		20	130
Benzoic acid		ND		990	3300
Bis(2-chloroethoxy)methane		ND		6.6	130
2,4-Dichlorophenol		ND		20	130
1,2,4-Trichlorobenzene		ND		20	66
Naphthalene		ND		6.6	26
4-Chloroaniline		ND		20	130
Hexachlorobutadiene		ND		20	66
4-Chloro-3-methylphenol		ND		20	130
2-Methylnaphthalene		ND		6.6	26
Hexachlorocyclopentadiene		ND		6.6	130
2,4,6-Trichlorophenol		ND		20	200
2,4,5-Trichlorophenol		ND		20	130
2-Chloronaphthalene		ND		6.6	26
2-Nitroaniline		ND		20	130
Dimethyl phthalate		ND		6.6	130
Acenaphthylene		ND		6.6	26
2,6-Dinitrotoluene		ND		20	130
3-Nitroaniline		ND		20	130
Acenaphthene		ND		6.6	26
2,4-Dinitrophenol		ND		260	1300
4-Nitrophenol		ND		330	1300
Dibenzofuran		ND		6.6	130
2,4-Dinitrotoluene		ND		20	130
Diethyl phthalate		ND		20	130
4-Chlorophenyl phenyl ether		ND		20	130
Fluorene		ND		6.6	26
4-Nitroaniline		ND		20	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND		6.6	66
4-Bromophenyl phenyl ether		ND		20	130
Hexachlorobenzene		ND		6.6	66

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5)**

Lab Sample ID: 580-24912-2 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.4 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024467.D
Dilution:	1.0			Initial Weight/Volume:	10.6280 g
Date Analyzed:	03/13/2011 1544			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		20	260
Phenanthrene		ND		6.6	26
Anthracene		ND		6.6	26
Di-n-butyl phthalate		ND		66	260
Fluoranthene		ND		6.6	26
Pyrene		ND		6.6	26
Butyl benzyl phthalate		ND		66	130
3,3'-Dichlorobenzidine		ND		39	260
Benzo[a]anthracene		ND		6.6	33
Chrysene		ND		6.6	33
Bis(2-ethylhexyl) phthalate		ND		66	2000
Di-n-octyl phthalate		ND		6.6	260
Benzo[a]pyrene		ND		6.6	39
Indeno[1,2,3-cd]pyrene		ND		6.6	53
Dibenz(a,h)anthracene		ND		6.6	53
Benzo[g,h,i]perylene		ND		6.6	33
Carbazole		ND		6.6	200
1-Methylnaphthalene		ND		6.6	39
Benzo[b]fluoranthene		ND		6.6	26
Benzo[k]fluoranthene		ND		6.6	33
2,2'-oxybis[1-chloropropane]		ND		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	87		36 - 145
Phenol-d5	87		38 - 149
Nitrobenzene-d5	82		38 - 141
2-Fluorobiphenyl	71		42 - 140
2,4,6-Tribromophenol	67		28 - 143
Terphenyl-d14	64		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5) Dup**

Lab Sample ID: 580-24912-3 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.5 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024468.D
Dilution:	1.0			Initial Weight/Volume:	10.2168 g
Date Analyzed:	03/13/2011 1605			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		21	140
Bis(2-chloroethyl)ether		ND		21	140
2-Chlorophenol		ND		21	140
1,3-Dichlorobenzene		ND		21	68
1,4-Dichlorobenzene		ND		21	68
Benzyl alcohol		ND		21	140
1,2-Dichlorobenzene		ND		21	68
2-Methylphenol		ND		21	140
3 & 4 Methylphenol		ND		21	270
N-Nitrosodi-n-propylamine		ND		21	140
Hexachloroethane		ND		21	140
Nitrobenzene		ND		47	140
Isophorone		ND		6.8	140
2-Nitrophenol		ND		21	140
2,4-Dimethylphenol		ND		21	140
Benzoic acid		ND		1000	3400
Bis(2-chloroethoxy)methane		ND		6.8	140
2,4-Dichlorophenol		ND		21	140
1,2,4-Trichlorobenzene		ND		21	68
Naphthalene		ND		6.8	27
4-Chloroaniline		ND		21	140
Hexachlorobutadiene		ND		21	68
4-Chloro-3-methylphenol		ND		21	140
2-Methylnaphthalene		ND		6.8	27
Hexachlorocyclopentadiene		ND		6.8	140
2,4,6-Trichlorophenol		ND		21	210
2,4,5-Trichlorophenol		ND		21	140
2-Chloronaphthalene		ND		6.8	27
2-Nitroaniline		ND		21	140
Dimethyl phthalate		ND		6.8	140
Acenaphthylene		ND		6.8	27
2,6-Dinitrotoluene		ND		21	140
3-Nitroaniline		ND		21	140
Acenaphthene		ND		6.8	27
2,4-Dinitrophenol		ND		270	1400
4-Nitrophenol		ND		340	1400
Dibenzofuran		ND		6.8	140
2,4-Dinitrotoluene		ND		21	140
Diethyl phthalate		ND		21	140
4-Chlorophenyl phenyl ether		ND		21	140
Fluorene		ND		6.8	27
4-Nitroaniline		ND		21	140
4,6-Dinitro-2-methylphenol		ND		140	1400
N-Nitrosodiphenylamine		ND		6.8	68
4-Bromophenyl phenyl ether		ND		21	140
Hexachlorobenzene		ND		6.8	68

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5) Dup**

Lab Sample ID: 580-24912-3 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.5 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024468.D
Dilution:	1.0			Initial Weight/Volume:	10.2168 g
Date Analyzed:	03/13/2011 1605			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		21	270
Phenanthrene		ND		6.8	27
Anthracene		ND		6.8	27
Di-n-butyl phthalate		ND		68	270
Fluoranthene		ND		6.8	27
Pyrene		ND		6.8	27
Butyl benzyl phthalate		ND		68	140
3,3'-Dichlorobenzidine		ND		41	270
Benzo[a]anthracene		ND		6.8	34
Chrysene		ND		6.8	34
Bis(2-ethylhexyl) phthalate		ND		68	2100
Di-n-octyl phthalate		ND		6.8	270
Benzo[a]pyrene		ND		6.8	41
Indeno[1,2,3-cd]pyrene		ND		6.8	55
Dibenz(a,h)anthracene		ND		6.8	55
Benzo[g,h,i]perylene		ND		6.8	34
Carbazole		ND		6.8	210
1-Methylnaphthalene		ND		6.8	41
Benzo[b]fluoranthene		ND		6.8	27
Benzo[k]fluoranthene		ND		6.8	34
2,2'-oxybis[1-chloropropane]		ND		21	210

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	88		36 - 145
Phenol-d5	89		38 - 149
Nitrobenzene-d5	92		38 - 141
2-Fluorobiphenyl	74		42 - 140
2,4,6-Tribromophenol	72		28 - 143
Terphenyl-d14	67		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (0-1)**

Lab Sample ID: 580-24912-4 | Date Sampled: 03/10/2011 1215
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024469.D
Dilution:	1.0			Initial Weight/Volume:	10.5756 g
Date Analyzed:	03/13/2011 1627			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	120
Bis(2-chloroethyl)ether		ND		19	120
2-Chlorophenol		ND		19	120
1,3-Dichlorobenzene		ND		19	62
1,4-Dichlorobenzene		ND		19	62
Benzyl alcohol		ND		19	120
1,2-Dichlorobenzene		ND		19	62
2-Methylphenol		ND		19	120
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	120
Hexachloroethane		ND		19	120
Nitrobenzene		ND		42	120
Isophorone		ND		6.2	120
2-Nitrophenol		ND		19	120
2,4-Dimethylphenol		ND		19	120
Benzoic acid		ND		930	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		19	120
1,2,4-Trichlorobenzene		ND		19	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		19	120
Hexachlorobutadiene		ND		19	62
4-Chloro-3-methylphenol		ND		19	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		19	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		19	120
3-Nitroaniline		ND		19	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND		19	120
Diethyl phthalate		ND		19	120
4-Chlorophenyl phenyl ether		ND		19	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		19	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.2	62
4-Bromophenyl phenyl ether		ND		19	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (0-1)**

Lab Sample ID: 580-24912-4 | Date Sampled: 03/10/2011 1215
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024469.D
Dilution:	1.0			Initial Weight/Volume:	10.5756 g
Date Analyzed:	03/13/2011 1627			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		ND		6.2	25
Pyrene		ND		6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND		37	250
Benzo[a]anthracene		ND		6.2	31
Chrysene		ND		6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1900
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		ND		6.2	37
Indeno[1,2,3-cd]pyrene		ND		6.2	50
Dibenz(a,h)anthracene		ND		6.2	50
Benzo[g,h,i]perylene		ND		6.2	31
Carbazole		ND		6.2	190
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		ND		6.2	25
Benzo[k]fluoranthene		ND		6.2	31
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	94		36 - 145
Phenol-d5	91		38 - 149
Nitrobenzene-d5	89		38 - 141
2-Fluorobiphenyl	71		42 - 140
2,4,6-Tribromophenol	79		28 - 143
Terphenyl-d14	66		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (4-5)**

Lab Sample ID: 580-24912-5 | Date Sampled: 03/10/2011 1225
Client Matrix: Solid | % Moisture: 30.6 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024470.D
Dilution:	1.0			Initial Weight/Volume:	10.0813 g
Date Analyzed:	03/13/2011 1648			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		21	140
Bis(2-chloroethyl)ether		ND		21	140
2-Chlorophenol		ND		21	140
1,3-Dichlorobenzene		ND		21	71
1,4-Dichlorobenzene		ND		21	71
Benzyl alcohol		ND		21	140
1,2-Dichlorobenzene		ND		21	71
2-Methylphenol		ND		21	140
3 & 4 Methylphenol		ND		21	290
N-Nitrosodi-n-propylamine		ND		21	140
Hexachloroethane		ND		21	140
Nitrobenzene		ND		49	140
Isophorone		ND		7.1	140
2-Nitrophenol		ND		21	140
2,4-Dimethylphenol		ND		21	140
Benzoic acid		ND		1100	3600
Bis(2-chloroethoxy)methane		ND		7.1	140
2,4-Dichlorophenol		ND		21	140
1,2,4-Trichlorobenzene		ND		21	71
Naphthalene		ND		7.1	29
4-Chloroaniline		ND		21	140
Hexachlorobutadiene		ND		21	71
4-Chloro-3-methylphenol		ND		21	140
2-Methylnaphthalene		ND		7.1	29
Hexachlorocyclopentadiene		ND		7.1	140
2,4,6-Trichlorophenol		ND		21	210
2,4,5-Trichlorophenol		ND		21	140
2-Chloronaphthalene		ND		7.1	29
2-Nitroaniline		ND		21	140
Dimethyl phthalate		ND		7.1	140
Acenaphthylene		ND		7.1	29
2,6-Dinitrotoluene		ND		21	140
3-Nitroaniline		ND		21	140
Acenaphthene		ND		7.1	29
2,4-Dinitrophenol		ND		290	1400
4-Nitrophenol		ND		360	1400
Dibenzofuran		ND		7.1	140
2,4-Dinitrotoluene		ND		21	140
Diethyl phthalate		ND		21	140
4-Chlorophenyl phenyl ether		ND		21	140
Fluorene		ND		7.1	29
4-Nitroaniline		ND		21	140
4,6-Dinitro-2-methylphenol		ND		140	1400
N-Nitrosodiphenylamine		ND		7.1	71
4-Bromophenyl phenyl ether		ND		21	140
Hexachlorobenzene		ND		7.1	71

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (4-5)**

Lab Sample ID: 580-24912-5 | Date Sampled: 03/10/2011 1225
Client Matrix: Solid | % Moisture: 30.6 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024470.D
Dilution:	1.0			Initial Weight/Volume:	10.0813 g
Date Analyzed:	03/13/2011 1648			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		21	290
Phenanthrene		ND		7.1	29
Anthracene		ND		7.1	29
Di-n-butyl phthalate		ND		71	290
Fluoranthene		ND		7.1	29
Pyrene		ND		7.1	29
Butyl benzyl phthalate		ND		71	140
3,3'-Dichlorobenzidine		ND		43	290
Benzo[a]anthracene		ND		7.1	36
Chrysene		ND		7.1	36
Bis(2-ethylhexyl) phthalate		ND		71	2100
Di-n-octyl phthalate		ND		7.1	290
Benzo[a]pyrene		ND		7.1	43
Indeno[1,2,3-cd]pyrene		ND		7.1	57
Dibenz(a,h)anthracene		ND		7.1	57
Benzo[g,h,i]perylene		ND		7.1	36
Carbazole		ND		7.1	210
1-Methylnaphthalene		ND		7.1	43
Benzo[b]fluoranthene		ND		7.1	29
Benzo[k]fluoranthene		ND		7.1	36
2,2'-oxybis[1-chloropropane]		ND		21	210

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	96		36 - 145
Phenol-d5	94		38 - 149
Nitrobenzene-d5	93		38 - 141
2-Fluorobiphenyl	78		42 - 140
2,4,6-Tribromophenol	75		28 - 143
Terphenyl-d14	71		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (0-1)**

Lab Sample ID: 580-24912-6 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 25.6 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024471.D
Dilution:	1.0			Initial Weight/Volume:	10.3863 g
Date Analyzed:	03/13/2011 1709			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	65
1,4-Dichlorobenzene		ND		19	65
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	65
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	260
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		44	130
Isophorone		ND		6.5	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		970	3200
Bis(2-chloroethoxy)methane		ND		6.5	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	65
Naphthalene		ND		6.5	26
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	65
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.5	26
Hexachlorocyclopentadiene		ND		6.5	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.5	26
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.5	130
Acenaphthylene		ND		6.5	26
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.5	26
2,4-Dinitrophenol		ND		260	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.5	130
2,4-Dinitrotoluene		ND		19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.5	26
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND		6.5	65
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.5	65

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (0-1)**

Lab Sample ID: 580-24912-6 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 25.6 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024471.D
Dilution:	1.0			Initial Weight/Volume:	10.3863 g
Date Analyzed:	03/13/2011 1709			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	260
Phenanthrene		ND		6.5	26
Anthracene		ND		6.5	26
Di-n-butyl phthalate		ND		65	260
Fluoranthene		ND		6.5	26
Pyrene		ND		6.5	26
Butyl benzyl phthalate		ND		65	130
3,3'-Dichlorobenzidine		ND		39	260
Benzo[a]anthracene		ND		6.5	32
Chrysene		ND		6.5	32
Bis(2-ethylhexyl) phthalate		ND		65	1900
Di-n-octyl phthalate		ND		6.5	260
Benzo[a]pyrene		ND		6.5	39
Indeno[1,2,3-cd]pyrene		ND		6.5	52
Dibenz(a,h)anthracene		ND		6.5	52
Benzo[g,h,i]perylene		ND		6.5	32
Carbazole		ND		6.5	190
1-Methylnaphthalene		ND		6.5	39
Benzo[b]fluoranthene		ND		6.5	26
Benzo[k]fluoranthene		ND		6.5	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	92		36 - 145
Phenol-d5	91		38 - 149
Nitrobenzene-d5	91		38 - 141
2-Fluorobiphenyl	85		42 - 140
2,4,6-Tribromophenol	81		28 - 143
Terphenyl-d14	74		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-31 (0-1)**

Lab Sample ID: 580-24912-7 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024472.D
Dilution:	1.0			Initial Weight/Volume:	10.1290 g
Date Analyzed:	03/13/2011 1730			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	64
1,4-Dichlorobenzene		ND		19	64
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	64
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	260
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		43	130
Isophorone		ND		6.4	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		960	3200
Bis(2-chloroethoxy)methane		ND		6.4	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	64
Naphthalene		ND		6.4	26
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	64
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.4	26
Hexachlorocyclopentadiene		ND		6.4	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.4	26
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.4	130
Acenaphthylene		ND		6.4	26
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.4	26
2,4-Dinitrophenol		ND		260	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.4	130
2,4-Dinitrotoluene		ND		19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.4	26
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND		6.4	64
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.4	64

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-31 (0-1)**

Lab Sample ID: 580-24912-7 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024472.D
Dilution:	1.0			Initial Weight/Volume:	10.1290 g
Date Analyzed:	03/13/2011 1730			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	260
Phenanthrene		ND		6.4	26
Anthracene		ND		6.4	26
Di-n-butyl phthalate		ND		64	260
Fluoranthene		ND		6.4	26
Pyrene		ND		6.4	26
Butyl benzyl phthalate		ND		64	130
3,3'-Dichlorobenzidine		ND		38	260
Benzo[a]anthracene		ND		6.4	32
Chrysene		ND		6.4	32
Bis(2-ethylhexyl) phthalate		ND		64	1900
Di-n-octyl phthalate		ND		6.4	260
Benzo[a]pyrene		ND		6.4	38
Indeno[1,2,3-cd]pyrene		ND		6.4	51
Dibenz(a,h)anthracene		ND		6.4	51
Benzo[g,h,i]perylene		ND		6.4	32
Carbazole		ND		6.4	190
1-Methylnaphthalene		ND		6.4	38
Benzo[b]fluoranthene		ND		6.4	26
Benzo[k]fluoranthene		ND		6.4	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	89		36 - 145
Phenol-d5	85		38 - 149
Nitrobenzene-d5	90		38 - 141
2-Fluorobiphenyl	54		42 - 140
2,4,6-Tribromophenol	76		28 - 143
Terphenyl-d14	62		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (4-5)**

Lab Sample ID: 580-24912-8 | Date Sampled: 03/10/2011 1310
Client Matrix: Solid | % Moisture: 32.1 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024462.D
Dilution:	1.0			Initial Weight/Volume:	10.1973 g
Date Analyzed:	03/14/2011 0824			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		22	140
Bis(2-chloroethyl)ether		ND		22	140
2-Chlorophenol		ND		22	140
1,3-Dichlorobenzene		ND		22	72
1,4-Dichlorobenzene		ND		22	72
Benzyl alcohol		ND		22	140
1,2-Dichlorobenzene		ND		22	72
2-Methylphenol		ND		22	140
3 & 4 Methylphenol		ND		22	290
N-Nitrosodi-n-propylamine		ND		22	140
Hexachloroethane		ND		22	140
Nitrobenzene		ND		49	140
Isophorone		ND		7.2	140
2-Nitrophenol		ND		22	140
2,4-Dimethylphenol		ND		22	140
Benzoic acid		ND		1100	3600
Bis(2-chloroethoxy)methane		ND		7.2	140
2,4-Dichlorophenol		ND		22	140
1,2,4-Trichlorobenzene		ND		22	72
Naphthalene		ND		7.2	29
4-Chloroaniline		ND		22	140
Hexachlorobutadiene		ND		22	72
4-Chloro-3-methylphenol		ND		22	140
2-Methylnaphthalene		ND		7.2	29
Hexachlorocyclopentadiene		ND		7.2	140
2,4,6-Trichlorophenol		ND		22	220
2,4,5-Trichlorophenol		ND		22	140
2-Chloronaphthalene		ND		7.2	29
2-Nitroaniline		ND		22	140
Dimethyl phthalate		ND		7.2	140
Acenaphthylene		ND		7.2	29
2,6-Dinitrotoluene		ND		22	140
3-Nitroaniline		ND		22	140
Acenaphthene		ND		7.2	29
2,4-Dinitrophenol		ND		290	1400
4-Nitrophenol		ND		360	1400
Dibenzofuran		ND		7.2	140
2,4-Dinitrotoluene		ND		22	140
Diethyl phthalate		ND		22	140
4-Chlorophenyl phenyl ether		ND		22	140
Fluorene		ND		7.2	29
4-Nitroaniline		ND		22	140
4,6-Dinitro-2-methylphenol		ND		140	1400
N-Nitrosodiphenylamine		ND		7.2	72
4-Bromophenyl phenyl ether		ND		22	140
Hexachlorobenzene		ND		7.2	72

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (4-5)**

Lab Sample ID: 580-24912-8 | Date Sampled: 03/10/2011 1310
Client Matrix: Solid | % Moisture: 32.1 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024462.D
Dilution:	1.0			Initial Weight/Volume:	10.1973 g
Date Analyzed:	03/14/2011 0824			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		22	290
Phenanthrene		ND		7.2	29
Anthracene		ND		7.2	29
Di-n-butyl phthalate		ND		72	290
Fluoranthene		ND		7.2	29
Pyrene		ND		7.2	29
Butyl benzyl phthalate		ND		72	140
3,3'-Dichlorobenzidine		ND		43	290
Benzo[a]anthracene		ND		7.2	36
Chrysene		ND		7.2	36
Bis(2-ethylhexyl) phthalate		ND		72	2200
Di-n-octyl phthalate		ND		7.2	290
Benzo[a]pyrene		ND		7.2	43
Indeno[1,2,3-cd]pyrene		ND		7.2	58
Dibenz(a,h)anthracene		ND		7.2	58
Benzo[g,h,i]perylene		ND		7.2	36
Carbazole		ND		7.2	220
1-Methylnaphthalene		ND		7.2	43
Benzo[b]fluoranthene		ND		7.2	29
Benzo[k]fluoranthene		ND		7.2	36
2,2'-oxybis[1-chloropropane]		ND		22	220

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	95		36 - 145
Phenol-d5	95		38 - 149
Nitrobenzene-d5	91		38 - 141
2-Fluorobiphenyl	73		42 - 140
2,4,6-Tribromophenol	71		28 - 143
Terphenyl-d14	66		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (0-1)**

Lab Sample ID: 580-24912-9 | Date Sampled: 03/10/2011 1415
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024463.D
Dilution:	1.0			Initial Weight/Volume:	10.2026 g
Date Analyzed:	03/14/2011 0845			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		69	J	18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND		6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		7.7	J	6.1	24
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (0-1)**

Lab Sample ID: 580-24912-9 | Date Sampled: 03/10/2011 1415
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024463.D
Dilution:	1.0			Initial Weight/Volume:	10.2026 g
Date Analyzed:	03/14/2011 0845			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		ND		6.1	24
Anthracene		ND		6.1	24
Di-n-butyl phthalate		ND		61	240
Fluoranthene		ND		6.1	24
Pyrene		ND		6.1	24
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND		37	240
Benzo[a]anthracene		ND		6.1	31
Chrysene		ND		6.1	31
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	240
Benzo[a]pyrene		ND		6.1	37
Indeno[1,2,3-cd]pyrene		ND		6.1	49
Dibenz(a,h)anthracene		ND		6.1	49
Benzo[g,h,i]perylene		ND		6.1	31
Carbazole		ND		6.1	180
1-Methylnaphthalene		ND		6.1	37
Benzo[b]fluoranthene		ND		6.1	24
Benzo[k]fluoranthene		ND		6.1	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	92		36 - 145
Phenol-d5	80		38 - 149
Nitrobenzene-d5	90		38 - 141
2-Fluorobiphenyl	81		42 - 140
2,4,6-Tribromophenol	86		28 - 143
Terphenyl-d14	63		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (4-5)**

Lab Sample ID: 580-24912-10 | Date Sampled: 03/10/2011 1430
Client Matrix: Solid | % Moisture: 29.0 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024464.D
Dilution:	1.0			Initial Weight/Volume:	10.5566 g
Date Analyzed:	03/14/2011 0906			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		20	130
Bis(2-chloroethyl)ether		ND		20	130
2-Chlorophenol		ND		20	130
1,3-Dichlorobenzene		ND		20	67
1,4-Dichlorobenzene		ND		20	67
Benzyl alcohol		ND		20	130
1,2-Dichlorobenzene		ND		20	67
2-Methylphenol		ND		20	130
3 & 4 Methylphenol		ND		20	270
N-Nitrosodi-n-propylamine		ND		20	130
Hexachloroethane		ND		20	130
Nitrobenzene		ND		45	130
Isophorone		ND		6.7	130
2-Nitrophenol		ND		20	130
2,4-Dimethylphenol		ND		20	130
Benzoic acid		ND		1000	3300
Bis(2-chloroethoxy)methane		ND		6.7	130
2,4-Dichlorophenol		ND		20	130
1,2,4-Trichlorobenzene		ND		20	67
Naphthalene		ND		6.7	27
4-Chloroaniline		ND		20	130
Hexachlorobutadiene		ND		20	67
4-Chloro-3-methylphenol		ND		20	130
2-Methylnaphthalene		ND		6.7	27
Hexachlorocyclopentadiene		ND		6.7	130
2,4,6-Trichlorophenol		ND		20	200
2,4,5-Trichlorophenol		ND		20	130
2-Chloronaphthalene		ND		6.7	27
2-Nitroaniline		ND		20	130
Dimethyl phthalate		ND		6.7	130
Acenaphthylene		ND		6.7	27
2,6-Dinitrotoluene		ND		20	130
3-Nitroaniline		ND		20	130
Acenaphthene		ND		6.7	27
2,4-Dinitrophenol		ND		270	1300
4-Nitrophenol		ND		330	1300
Dibenzofuran		ND		6.7	130
2,4-Dinitrotoluene		ND		20	130
Diethyl phthalate		ND		20	130
4-Chlorophenyl phenyl ether		ND		20	130
Fluorene		ND		6.7	27
4-Nitroaniline		ND		20	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND		6.7	67
4-Bromophenyl phenyl ether		ND		20	130
Hexachlorobenzene		ND		6.7	67

Client: MWH Americas Inc

Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (4-5)**

Lab Sample ID: 580-24912-10
Client Matrix: Solid
% Moisture: 29.0
Date Sampled: 03/10/2011 1430
Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024464.D
Dilution:	1.0			Initial Weight/Volume:	10.5566 g
Date Analyzed:	03/14/2011 0906			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		20	270
Phenanthrene		ND		6.7	27
Anthracene		ND		6.7	27
Di-n-butyl phthalate		ND		67	270
Fluoranthene		ND		6.7	27
Pyrene		ND		6.7	27
Butyl benzyl phthalate		ND		67	130
3,3'-Dichlorobenzidine		ND		40	270
Benzo[a]anthracene		ND		6.7	33
Chrysene		ND		6.7	33
Bis(2-ethylhexyl) phthalate		ND		67	2000
Di-n-octyl phthalate		ND		6.7	270
Benzo[a]pyrene		ND		6.7	40
Indeno[1,2,3-cd]pyrene		ND		6.7	53
Dibenz(a,h)anthracene		ND		6.7	53
Benzo[g,h,i]perylene		ND		6.7	33
Carbazole		ND		6.7	200
1-Methylnaphthalene		ND		6.7	40
Benzo[b]fluoranthene		ND		6.7	27
Benzo[k]fluoranthene		ND		6.7	33
2,2'-oxybis[1-chloropropane]		ND		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	89		36 - 145
Phenol-d5	95		38 - 149
Nitrobenzene-d5	89		38 - 141
2-Fluorobiphenyl	66		42 - 140
2,4,6-Tribromophenol	76		28 - 143
Terphenyl-d14	70		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB5 (0-1)**

Lab Sample ID: 580-24912-11 | Date Sampled: 03/10/2011 1340
Client Matrix: Solid | % Moisture: 22.1 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024465.D
Dilution:	1.0			Initial Weight/Volume:	10.4807 g
Date Analyzed:	03/14/2011 0928			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND		6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.1	24
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB5 (0-1)**

Lab Sample ID: 580-24912-11 | Date Sampled: 03/10/2011 1340
Client Matrix: Solid | % Moisture: 22.1 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024465.D
Dilution:	1.0			Initial Weight/Volume:	10.4807 g
Date Analyzed:	03/14/2011 0928			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		ND		6.1	24
Anthracene		ND		6.1	24
Di-n-butyl phthalate		ND		61	240
Fluoranthene		ND		6.1	24
Pyrene		ND		6.1	24
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND		37	240
Benzo[a]anthracene		ND		6.1	31
Chrysene		ND		6.1	31
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	240
Benzo[a]pyrene		ND		6.1	37
Indeno[1,2,3-cd]pyrene		ND		6.1	49
Dibenz(a,h)anthracene		ND		6.1	49
Benzo[g,h,i]perylene		ND		6.1	31
Carbazole		ND		6.1	180
1-Methylnaphthalene		ND		6.1	37
Benzo[b]fluoranthene		ND		6.1	24
Benzo[k]fluoranthene		ND		6.1	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	88		36 - 145
Phenol-d5	89		38 - 149
Nitrobenzene-d5	81		38 - 141
2-Fluorobiphenyl	51		42 - 140
2,4,6-Tribromophenol	64		28 - 143
Terphenyl-d14	54		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB05 (5-6)**

Lab Sample ID: 580-24912-12 | Date Sampled: 03/10/2011 1350
Client Matrix: Solid | % Moisture: 27.1 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024466.D
Dilution:	1.0			Initial Weight/Volume:	10.2524 g
Date Analyzed:	03/14/2011 0949			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		20	130
Bis(2-chloroethyl)ether		ND		20	130
2-Chlorophenol		ND		20	130
1,3-Dichlorobenzene		ND		20	67
1,4-Dichlorobenzene		ND		20	67
Benzyl alcohol		ND		20	130
1,2-Dichlorobenzene		ND		20	67
2-Methylphenol		ND		20	130
3 & 4 Methylphenol		ND		20	270
N-Nitrosodi-n-propylamine		ND		20	130
Hexachloroethane		ND		20	130
Nitrobenzene		ND		46	130
Isophorone		ND		6.7	130
2-Nitrophenol		ND		20	130
2,4-Dimethylphenol		ND		20	130
Benzoic acid		ND		1000	3300
Bis(2-chloroethoxy)methane		ND		6.7	130
2,4-Dichlorophenol		ND		20	130
1,2,4-Trichlorobenzene		ND		20	67
Naphthalene		ND		6.7	27
4-Chloroaniline		ND		20	130
Hexachlorobutadiene		ND		20	67
4-Chloro-3-methylphenol		ND		20	130
2-Methylnaphthalene		ND		6.7	27
Hexachlorocyclopentadiene		ND		6.7	130
2,4,6-Trichlorophenol		ND		20	200
2,4,5-Trichlorophenol		ND		20	130
2-Chloronaphthalene		ND		6.7	27
2-Nitroaniline		ND		20	130
Dimethyl phthalate		ND		6.7	130
Acenaphthylene		ND		6.7	27
2,6-Dinitrotoluene		ND		20	130
3-Nitroaniline		ND		20	130
Acenaphthene		ND		6.7	27
2,4-Dinitrophenol		ND		270	1300
4-Nitrophenol		ND		330	1300
Dibenzofuran		ND		6.7	130
2,4-Dinitrotoluene		ND		20	130
Diethyl phthalate		ND		20	130
4-Chlorophenyl phenyl ether		ND		20	130
Fluorene		ND		6.7	27
4-Nitroaniline		ND		20	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND		6.7	67
4-Bromophenyl phenyl ether		ND		20	130
Hexachlorobenzene		ND		6.7	67

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB05 (5-6)**

Lab Sample ID: 580-24912-12 | Date Sampled: 03/10/2011 1350
Client Matrix: Solid | % Moisture: 27.1 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024466.D
Dilution:	1.0			Initial Weight/Volume:	10.2524 g
Date Analyzed:	03/14/2011 0949			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		20	270
Phenanthrene		ND		6.7	27
Anthracene		ND		6.7	27
Di-n-butyl phthalate		ND		67	270
Fluoranthene		ND		6.7	27
Pyrene		ND		6.7	27
Butyl benzyl phthalate		ND		67	130
3,3'-Dichlorobenzidine		ND		40	270
Benzo[a]anthracene		ND		6.7	33
Chrysene		ND		6.7	33
Bis(2-ethylhexyl) phthalate		ND		67	2000
Di-n-octyl phthalate		ND		6.7	270
Benzo[a]pyrene		ND		6.7	40
Indeno[1,2,3-cd]pyrene		ND		6.7	54
Dibenz(a,h)anthracene		ND		6.7	54
Benzo[g,h,i]perylene		ND		6.7	33
Carbazole		ND		6.7	200
1-Methylnaphthalene		ND		6.7	40
Benzo[b]fluoranthene		ND		6.7	27
Benzo[k]fluoranthene		ND		6.7	33
2,2'-oxybis[1-chloropropane]		ND		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	90		36 - 145
Phenol-d5	93		38 - 149
Nitrobenzene-d5	83		38 - 141
2-Fluorobiphenyl	59		42 - 140
2,4,6-Tribromophenol	59		28 - 143
Terphenyl-d14	58		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (0-1)**

Lab Sample ID: 580-24912-13 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024459.D
Dilution:	1.0			Initial Weight/Volume:	10.4920 g
Date Analyzed:	03/13/2011 1250			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	60
1,4-Dichlorobenzene		ND		18	60
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	60
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		41	120
Isophorone		ND		6.0	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		900	3000
Bis(2-chloroethoxy)methane		ND		6.0	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	60
Naphthalene		ND		6.0	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	60
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.0	24
Hexachlorocyclopentadiene		ND		6.0	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.0	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.0	120
Acenaphthylene		ND		6.0	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.0	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		300	1200
Dibenzofuran		ND		6.0	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.0	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.0	60
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.0	60

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (0-1)**

Lab Sample ID: 580-24912-13 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024459.D
Dilution:	1.0			Initial Weight/Volume:	10.4920 g
Date Analyzed:	03/13/2011 1250			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		ND		6.0	24
Anthracene		ND		6.0	24
Di-n-butyl phthalate		ND		60	240
Fluoranthene		ND		6.0	24
Pyrene		ND		6.0	24
Butyl benzyl phthalate		ND		60	120
3,3'-Dichlorobenzidine		ND		36	240
Benzo[a]anthracene		ND		6.0	30
Chrysene		ND		6.0	30
Bis(2-ethylhexyl) phthalate		ND		60	1800
Di-n-octyl phthalate		ND		6.0	240
Benzo[a]pyrene		ND		6.0	36
Indeno[1,2,3-cd]pyrene		ND		6.0	48
Dibenz(a,h)anthracene		ND		6.0	48
Benzo[g,h,i]perylene		ND		6.0	30
Carbazole		ND		6.0	180
1-Methylnaphthalene		ND		6.0	36
Benzo[b]fluoranthene		ND		6.0	24
Benzo[k]fluoranthene		ND		6.0	30
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	88		36 - 145
Phenol-d5	82		38 - 149
Nitrobenzene-d5	82		38 - 141
2-Fluorobiphenyl	73		42 - 140
2,4,6-Tribromophenol	66		28 - 143
Terphenyl-d14	62		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 D(0-1)**

Lab Sample ID: 580-24912-14 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024462.D
Dilution:	1.0			Initial Weight/Volume:	10.1260 g
Date Analyzed:	03/13/2011 1359			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	250
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND		6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	25
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.1	25
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	25
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	25
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	25
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 D(0-1)**

Lab Sample ID: 580-24912-14 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024462.D
Dilution:	1.0			Initial Weight/Volume:	10.1260 g
Date Analyzed:	03/13/2011 1359			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	250
Phenanthrene		ND		6.1	25
Anthracene		ND		6.1	25
Di-n-butyl phthalate		ND		61	250
Fluoranthene		ND		6.1	25
Pyrene		ND		6.1	25
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND		37	250
Benzo[a]anthracene		ND		6.1	31
Chrysene		ND		6.1	31
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	250
Benzo[a]pyrene		ND		6.1	37
Indeno[1,2,3-cd]pyrene		ND		6.1	49
Dibenz(a,h)anthracene		ND		6.1	49
Benzo[g,h,i]perylene		ND		6.1	31
Carbazole		ND		6.1	180
1-Methylnaphthalene		ND		6.1	37
Benzo[b]fluoranthene		ND		6.1	25
Benzo[k]fluoranthene		ND		6.1	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	88		36 - 145
Phenol-d5	90		38 - 149
Nitrobenzene-d5	88		38 - 141
2-Fluorobiphenyl	85		42 - 140
2,4,6-Tribromophenol	75		28 - 143
Terphenyl-d14	71		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (4-5)**

Lab Sample ID: 580-24912-15 | Date Sampled: 03/10/2011 1520
Client Matrix: Solid | % Moisture: 22.8 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024463.D
Dilution:	1.0			Initial Weight/Volume:	10.5338 g
Date Analyzed:	03/13/2011 1420			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	250
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND		6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	25
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.1	25
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	25
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	25
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	25
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (4-5)**

Lab Sample ID: 580-24912-15 | Date Sampled: 03/10/2011 1520
Client Matrix: Solid | % Moisture: 22.8 | Date Received: 03/11/2011 1010

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82179		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82124		Lab File ID:	ak024463.D
Dilution:	1.0			Initial Weight/Volume:	10.5338 g
Date Analyzed:	03/13/2011 1420			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	250
Phenanthrene		ND		6.1	25
Anthracene		ND		6.1	25
Di-n-butyl phthalate		ND		61	250
Fluoranthene		ND		6.1	25
Pyrene		ND		6.1	25
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND		37	250
Benzo[a]anthracene		ND		6.1	31
Chrysene		ND		6.1	31
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	250
Benzo[a]pyrene		ND		6.1	37
Indeno[1,2,3-cd]pyrene		ND		6.1	49
Dibenz(a,h)anthracene		ND		6.1	49
Benzo[g,h,i]perylene		ND		6.1	31
Carbazole		ND		6.1	180
1-Methylnaphthalene		ND		6.1	37
Benzo[b]fluoranthene		ND		6.1	25
Benzo[k]fluoranthene		ND		6.1	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	88		36 - 145
Phenol-d5	85		38 - 149
Nitrobenzene-d5	88		38 - 141
2-Fluorobiphenyl	72		42 - 140
2,4,6-Tribromophenol	75		28 - 143
Terphenyl-d14	66		42 - 151

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (0-1)**

Lab Sample ID: 580-24912-1 | Date Sampled: 03/10/2011 1100
Client Matrix: Solid | % Moisture: 21.7 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	10.3276 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0406	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.012
PCB-1221		ND		0.0099	0.012
PCB-1232		ND		0.0087	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		45 - 155
DCB Decachlorobiphenyl	83		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5)**

Lab Sample ID: 580-24912-2 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.4 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	10.1486 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0420	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0044	0.014
PCB-1221		ND		0.011	0.014
PCB-1232		ND		0.0096	0.014
PCB-1242		ND		0.0029	0.014
PCB-1248		ND		0.0041	0.014
PCB-1254		ND		0.0029	0.014
PCB-1260		ND		0.0041	0.014

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	98		45 - 155
DCB Decachlorobiphenyl	104		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5) Dup**

Lab Sample ID: 580-24912-3 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.5 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	9.9590 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0434	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0045	0.014
PCB-1221		ND		0.011	0.014
PCB-1232		ND		0.0098	0.014
PCB-1242		ND		0.0029	0.014
PCB-1248		ND		0.0042	0.014
PCB-1254		ND		0.0029	0.014
PCB-1260		ND		0.0042	0.014

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		45 - 155
DCB Decachlorobiphenyl	79		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (0-1)**

Lab Sample ID: 580-24912-4 | Date Sampled: 03/10/2011 1215
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	9.9592 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0448	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0042	0.013
PCB-1221		ND		0.011	0.013
PCB-1232		ND		0.0093	0.013
PCB-1242		ND		0.0028	0.013
PCB-1248		ND		0.0040	0.013
PCB-1254		ND		0.0028	0.013
PCB-1260		ND		0.0040	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	59		45 - 155
DCB Decachlorobiphenyl	64		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (4-5)**

Lab Sample ID: 580-24912-5 | Date Sampled: 03/10/2011 1225
Client Matrix: Solid | % Moisture: 30.6 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	10.1011 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0531	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0046	0.014
PCB-1221		ND		0.011	0.014
PCB-1232		ND		0.010	0.014
PCB-1242		ND		0.0030	0.014
PCB-1248		ND		0.0043	0.014
PCB-1254		ND		0.0030	0.014
PCB-1260		ND		0.0043	0.014

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		45 - 155
DCB Decachlorobiphenyl	87		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (0-1)**

Lab Sample ID: 580-24912-6 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 25.6 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	9.7872 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0545	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0044	0.014
PCB-1221		ND		0.011	0.014
PCB-1232		ND		0.0096	0.014
PCB-1242		ND		0.0029	0.014
PCB-1248		ND		0.0041	0.014
PCB-1254		ND		0.0029	0.014
PCB-1260		ND		0.0041	0.014

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	63		45 - 155
DCB Decachlorobiphenyl	51	X	60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-31 (0-1)**

Lab Sample ID: 580-24912-7 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	10.5486 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0627	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0098	0.012
PCB-1232		ND		0.0086	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	81		45 - 155
DCB Decachlorobiphenyl	80		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (4-5)**

Lab Sample ID: 580-24912-8 | Date Sampled: 03/10/2011 1310
Client Matrix: Solid | % Moisture: 32.1 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	9.9019 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0641	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0048	0.015
PCB-1221		ND		0.012	0.015
PCB-1232		ND		0.010	0.015
PCB-1242		ND		0.0031	0.015
PCB-1248		ND		0.0045	0.015
PCB-1254		ND		0.0031	0.015
PCB-1260		ND		0.0045	0.015

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		45 - 155
DCB Decachlorobiphenyl	86		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (0-1)**

Lab Sample ID: 580-24912-9 | Date Sampled: 03/10/2011 1415
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	10.3184 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0655	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0097	0.012
PCB-1232		ND		0.0085	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	63		45 - 155
DCB Decachlorobiphenyl	66		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (4-5)**

Lab Sample ID: 580-24912-10 | Date Sampled: 03/10/2011 1430
Client Matrix: Solid | % Moisture: 29.0 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	9.7900 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0710	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0046	0.014
PCB-1221		ND		0.012	0.014
PCB-1232		ND		0.010	0.014
PCB-1242		ND		0.0030	0.014
PCB-1248		ND		0.0043	0.014
PCB-1254		ND		0.0030	0.014
PCB-1260		ND		0.0043	0.014

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		45 - 155
DCB Decachlorobiphenyl	86		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB5 (0-1)**

Lab Sample ID: 580-24912-11 | Date Sampled: 03/10/2011 1340
Client Matrix: Solid | % Moisture: 22.1 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	10.1456 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0724	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0089	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	65		45 - 155
DCB Decachlorobiphenyl	62		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB05 (5-6)**

Lab Sample ID: 580-24912-12 | Date Sampled: 03/10/2011 1350
Client Matrix: Solid | % Moisture: 27.1 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	9.6547 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0738	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0045	0.014
PCB-1221		ND		0.011	0.014
PCB-1232		ND		0.0099	0.014
PCB-1242		ND		0.0030	0.014
PCB-1248		ND		0.0043	0.014
PCB-1254		ND		0.0030	0.014
PCB-1260		ND		0.0043	0.014

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		45 - 155
DCB Decachlorobiphenyl	70		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (0-1)**

Lab Sample ID: 580-24912-13 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	9.5434 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0752	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0042	0.013
PCB-1221		ND		0.011	0.013
PCB-1232		ND		0.0092	0.013
PCB-1242		ND		0.0028	0.013
PCB-1248		ND		0.0039	0.013
PCB-1254		ND		0.0028	0.013
PCB-1260		ND		0.0039	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	61		45 - 155
DCB Decachlorobiphenyl	65		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 D(0-1)**

Lab Sample ID: 580-24912-14 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	10.1144 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0806	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0099	0.012
PCB-1232		ND		0.0086	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		45 - 155
DCB Decachlorobiphenyl	75		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (4-5)**

Lab Sample ID: 580-24912-15 | Date Sampled: 03/10/2011 1520
Client Matrix: Solid | % Moisture: 22.8 | Date Received: 03/11/2011 1010

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82185		Initial Weight/Volume:	10.4874 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0820	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/13/2011 1230			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.012
PCB-1221		ND		0.0099	0.012
PCB-1232		ND		0.0086	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	74		45 - 155
DCB Decachlorobiphenyl	80		60 - 125

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (0-1)**

Lab Sample ID: 580-24912-1 | Date Sampled: 03/10/2011 1100
Client Matrix: Solid | % Moisture: 21.7 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2912 g
Date Analyzed:	03/14/2011 0707			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.8		0.36	0.49
Antimony		0.071	J	0.0079	0.20
Barium		130		0.012	0.20
Beryllium		0.47		0.022	0.20
Cadmium		0.10	J	0.0079	0.20
Chromium		11		0.071	0.20
Copper		18		0.097	0.20
Lead		17		0.0079	0.20
Molybdenum		0.42	B	0.018	0.40
Nickel		7.8		0.018	0.20
Selenium		ND		0.59	0.69
Silver		0.12	J	0.0069	0.20
Tin		0.58		0.012	0.49
Zinc		54	^	0.20	0.69

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6847 g
Date Analyzed:	03/14/2011 0852			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.037		0.0059	0.019

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5)**

Lab Sample ID: 580-24912-2 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.4 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method: 6020 | Analysis Batch: 580-82234 | Instrument ID: SEA026
Preparation: 3050B | Prep Batch: 580-82127 | Lab File ID: 82127-ICPMS.rep
Dilution: 10 | Initial Weight/Volume: 1.1633 g
Date Analyzed: 03/14/2011 0758 | Final Weight/Volume: 50 mL
Date Prepared: 03/11/2011 1314

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.1		0.44	0.60
Antimony		0.16	J	0.0096	0.24
Barium		130		0.014	0.24
Beryllium		0.58		0.026	0.24
Cadmium		0.067	J	0.0096	0.24
Chromium		13		0.086	0.24
Copper		23		0.12	0.24
Lead		5.9		0.0096	0.24
Molybdenum		0.38	J B	0.022	0.48
Nickel		9.8		0.022	0.24
Selenium		ND		0.72	0.84
Silver		0.15	J	0.0084	0.24
Tin		0.72		0.014	0.60
Zinc		43		0.24	0.84

7471A Mercury (CVAA)

Method: 7471A | Analysis Batch: 580-82235 | Instrument ID: TAC103
Preparation: 7471A | Prep Batch: 580-82132 | Lab File ID: 82132-HG.CSV
Dilution: 1.0 | Initial Weight/Volume: 0.6141 g
Date Analyzed: 03/14/2011 0903 | Final Weight/Volume: 50 mL
Date Prepared: 03/11/2011 1359

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J	0.0072	0.023

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-1 (4-5) Dup**

Lab Sample ID: 580-24912-3 | Date Sampled: 03/10/2011 1105
Client Matrix: Solid | % Moisture: 28.5 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.3195 g
Date Analyzed:	03/14/2011 0803			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.2		0.39	0.53
Antimony		0.16	J	0.0085	0.21
Barium		150		0.013	0.21
Beryllium		0.64		0.023	0.21
Cadmium		0.065	J	0.0085	0.21
Chromium		13		0.076	0.21
Copper		25		0.10	0.21
Lead		5.9		0.0085	0.21
Molybdenum		0.37	J B	0.019	0.42
Nickel		11		0.019	0.21
Selenium		ND		0.64	0.74
Silver		0.16	J	0.0074	0.21
Tin		0.72		0.013	0.53
Zinc		48		0.21	0.74

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7301 g
Date Analyzed:	03/14/2011 0905			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024		0.0060	0.019

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (0-1)**

Lab Sample ID: 580-24912-4 | Date Sampled: 03/10/2011 1215
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.4178 g
Date Analyzed:	03/14/2011 0808			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.4		0.34	0.46
Antimony		0.098	J	0.0074	0.19
Barium		130		0.011	0.19
Beryllium		0.43		0.020	0.19
Cadmium		0.11	J	0.0074	0.19
Chromium		12		0.067	0.19
Copper		21		0.091	0.19
Lead		11		0.0074	0.19
Molybdenum		0.39	B	0.017	0.37
Nickel		9.2		0.017	0.19
Selenium		ND		0.56	0.65
Silver		0.17	J	0.0065	0.19
Tin		0.57		0.011	0.46
Zinc		46		0.19	0.65

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8473 g
Date Analyzed:	03/14/2011 0913			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.015	J	0.0049	0.016

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-2 (4-5)**

Lab Sample ID: 580-24912-5 | Date Sampled: 03/10/2011 1225
Client Matrix: Solid | % Moisture: 30.6 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2272 g
Date Analyzed:	03/14/2011 0813			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.3		0.43	0.59
Antimony		0.10	J	0.0094	0.23
Barium		160		0.014	0.23
Beryllium		0.56		0.026	0.23
Cadmium		0.085	J	0.0094	0.23
Chromium		14		0.085	0.23
Copper		25		0.12	0.23
Lead		5.6		0.0094	0.23
Molybdenum		0.48	B	0.021	0.47
Nickel		11		0.021	0.23
Selenium		ND		0.70	0.82
Silver		0.18	J	0.0082	0.23
Tin		0.67		0.014	0.59
Zinc		51		0.24	0.82

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6962 g
Date Analyzed:	03/14/2011 0916			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.013	J	0.0065	0.021

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (0-1)**

Lab Sample ID: 580-24912-6 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 25.6 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.4591 g
Date Analyzed:	03/14/2011 0819			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.1		0.34	0.46
Antimony		0.095	J	0.0074	0.18
Barium		120		0.011	0.18
Beryllium		0.44		0.020	0.18
Cadmium		0.093	J	0.0074	0.18
Chromium		11		0.066	0.18
Copper		19		0.090	0.18
Lead		15		0.0074	0.18
Molybdenum		0.39	B	0.017	0.37
Nickel		8.0		0.017	0.18
Selenium		ND		0.55	0.64
Silver		0.14	J	0.0064	0.18
Tin		0.55		0.011	0.46
Zinc		48		0.19	0.64

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6379 g
Date Analyzed:	03/14/2011 0918			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.017	J	0.0066	0.021

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-31 (0-1)**

Lab Sample ID: 580-24912-7 | Date Sampled: 03/10/2011 1250
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.3009 g
Date Analyzed:	03/14/2011 0824			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.0		0.37	0.50
Antimony		0.10	J	0.0080	0.20
Barium		130		0.012	0.20
Beryllium		0.40		0.022	0.20
Cadmium		0.088	J	0.0080	0.20
Chromium		11		0.072	0.20
Copper		19		0.097	0.20
Lead		11		0.0080	0.20
Molybdenum		0.38	J B	0.018	0.40
Nickel		7.8		0.018	0.20
Selenium		ND		0.60	0.70
Silver		0.15	J	0.0070	0.20
Tin		0.57		0.012	0.50
Zinc		50		0.20	0.70

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8330 g
Date Analyzed:	03/14/2011 0921			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.22		0.0049	0.016

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-3 (4-5)**

Lab Sample ID: 580-24912-8 | Date Sampled: 03/10/2011 1310
Client Matrix: Solid | % Moisture: 32.1 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1401 g
Date Analyzed:	03/14/2011 0829			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.2		0.48	0.65
Antimony		0.11	J	0.010	0.26
Barium		160		0.015	0.26
Beryllium		0.60		0.028	0.26
Cadmium		0.085	J	0.010	0.26
Chromium		16		0.093	0.26
Copper		29		0.13	0.26
Lead		6.6		0.010	0.26
Molybdenum		0.34	J B	0.023	0.52
Nickel		12		0.023	0.26
Selenium		ND		0.77	0.90
Silver		0.19	J	0.0090	0.26
Tin		0.76		0.015	0.65
Zinc		51		0.26	0.90

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.9005 g
Date Analyzed:	03/14/2011 0923			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.014	J	0.0051	0.016

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (0-1)**

Lab Sample ID: 580-24912-9 | Date Sampled: 03/10/2011 1415
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1197 g
Date Analyzed:	03/14/2011 0834			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.1		0.41	0.56
Antimony		0.096	J	0.0089	0.22
Barium		120		0.013	0.22
Beryllium		0.54		0.024	0.22
Cadmium		0.66		0.0089	0.22
Chromium		18		0.080	0.22
Copper		39		0.11	0.22
Lead		13		0.0089	0.22
Molybdenum		0.80	B	0.020	0.45
Nickel		13		0.020	0.22
Selenium		ND		0.67	0.78
Silver		0.17	J	0.0078	0.22
Tin		0.61		0.013	0.56
Zinc		74		0.22	0.78

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7339 g
Date Analyzed:	03/14/2011 0926			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024		0.0053	0.017

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-MW-4 (4-5)**

Lab Sample ID: 580-24912-10 | Date Sampled: 03/10/2011 1430
Client Matrix: Solid | % Moisture: 29.0 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1937 g
Date Analyzed:	03/14/2011 0839			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.6		0.43	0.59
Antimony		0.093	J	0.0094	0.24
Barium		120		0.014	0.24
Beryllium		0.55		0.026	0.24
Cadmium		0.077	J	0.0094	0.24
Chromium		12		0.085	0.24
Copper		22		0.12	0.24
Lead		5.2		0.0094	0.24
Molybdenum		0.28	J B	0.021	0.47
Nickel		8.0		0.021	0.24
Selenium		ND		0.71	0.83
Silver		0.16	J	0.0083	0.24
Tin		0.62		0.014	0.59
Zinc		40		0.24	0.83

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.9364 g
Date Analyzed:	03/14/2011 0928			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.013	J	0.0047	0.015

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB5 (0-1)**

Lab Sample ID: 580-24912-11 | Date Sampled: 03/10/2011 1340
Client Matrix: Solid | % Moisture: 22.1 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.4841 g
Date Analyzed:	03/14/2011 0844			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.5		0.32	0.43
Antimony		0.067	J	0.0069	0.17
Barium		120		0.010	0.17
Beryllium		0.40		0.019	0.17
Cadmium		0.11	J	0.0069	0.17
Chromium		13		0.062	0.17
Copper		21		0.085	0.17
Lead		9.9		0.0069	0.17
Molybdenum		0.55	B	0.016	0.35
Nickel		9.4		0.016	0.17
Selenium		ND		0.52	0.61
Silver		0.15	J	0.0061	0.17
Tin		0.66		0.010	0.43
Zinc		50		0.17	0.61

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6396 g
Date Analyzed:	03/14/2011 0931			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.034		0.0063	0.020

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB05 (5-6)**

Lab Sample ID: 580-24912-12 | Date Sampled: 03/10/2011 1350
Client Matrix: Solid | % Moisture: 27.1 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2123 g
Date Analyzed:	03/14/2011 0900			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.2		0.42	0.57
Antimony		0.14	J	0.0091	0.23
Barium		140		0.014	0.23
Beryllium		0.77		0.025	0.23
Cadmium		0.092	J	0.0091	0.23
Chromium		20		0.081	0.23
Copper		29		0.11	0.23
Lead		8.1		0.0091	0.23
Molybdenum		0.43	J B	0.020	0.45
Nickel		15		0.020	0.23
Selenium		ND		0.68	0.79
Silver		0.16	J	0.0079	0.23
Tin		0.82		0.014	0.57
Zinc		59		0.23	0.79

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6309 g
Date Analyzed:	03/14/2011 0934			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.017	J	0.0069	0.022

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (0-1)**

Lab Sample ID: 580-24912-13 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1732 g
Date Analyzed:	03/14/2011 0905			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.3		0.39	0.53
Antimony		0.071	J	0.0085	0.21
Barium		120		0.013	0.21
Beryllium		0.44		0.024	0.21
Cadmium		0.14	J	0.0085	0.21
Chromium		14		0.077	0.21
Copper		24		0.10	0.21
Lead		12		0.0085	0.21
Molybdenum		0.43	B	0.019	0.43
Nickel		10		0.019	0.21
Selenium		ND		0.64	0.75
Silver		0.17	J	0.0075	0.21
Tin		0.59		0.013	0.53
Zinc		53		0.21	0.75

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6130 g
Date Analyzed:	03/14/2011 0936			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.018	J	0.0064	0.020

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 D(0-1)**

Lab Sample ID: 580-24912-14 | Date Sampled: 03/10/2011 1510
Client Matrix: Solid | % Moisture: 19.7 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0694 g
Date Analyzed:	03/14/2011 0910			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.0		0.43	0.58
Antimony		0.061	J	0.0093	0.23
Barium		110		0.014	0.23
Beryllium		0.37		0.026	0.23
Cadmium		0.10	J	0.0093	0.23
Chromium		12		0.084	0.23
Copper		21		0.11	0.23
Lead		8.4		0.0093	0.23
Molybdenum		0.35	J B	0.021	0.47
Nickel		8.8		0.021	0.23
Selenium		ND		0.70	0.82
Silver		0.14	J	0.0082	0.23
Tin		0.49	J	0.014	0.58
Zinc		47		0.23	0.82

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6839 g
Date Analyzed:	03/14/2011 0944			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.011	J	0.0057	0.018

Client: MWH Americas Inc | Job Number: 580-24912-1

Client Sample ID: **YK-SB09 (4-5)**

Lab Sample ID: 580-24912-15 | Date Sampled: 03/10/2011 1520
Client Matrix: Solid | % Moisture: 22.8 | Date Received: 03/11/2011 1010

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82127		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.3690 g
Date Analyzed:	03/14/2011 0915			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.3		0.35	0.47
Antimony		0.061	J	0.0076	0.19
Barium		120		0.011	0.19
Beryllium		0.37		0.021	0.19
Cadmium		0.068	J	0.0076	0.19
Chromium		11		0.068	0.19
Copper		21		0.093	0.19
Lead		4.5		0.0076	0.19
Molybdenum		0.34	J B	0.017	0.38
Nickel		8.6		0.017	0.19
Selenium		ND		0.57	0.66
Silver		0.14	J	0.0066	0.19
Tin		0.50		0.011	0.47
Zinc		44		0.19	0.66

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82132		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7515 g
Date Analyzed:	03/14/2011 0947			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.014	J	0.0054	0.017

General Chemistry

Client Sample ID: **YK-MW-1 (0-1)**

Lab Sample ID: 580-24912-1 Date Sampled: 03/10/2011 1100
Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-1 (4-5)**

Lab Sample ID: 580-24912-2 Date Sampled: 03/10/2011 1105

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	72		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	28		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-1 (4-5) Dup**

Lab Sample ID: 580-24912-3 Date Sampled: 03/10/2011 1105
Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	72		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	28		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-2 (0-1)**

Lab Sample ID: 580-24912-4 Date Sampled: 03/10/2011 1215

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-2 (4-5)**

Lab Sample ID: 580-24912-5 Date Sampled: 03/10/2011 1225

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	69		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	31		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-3 (0-1)**

Lab Sample ID: 580-24912-6 Date Sampled: 03/10/2011 1250
Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	74		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	26		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-31 (0-1)**

Lab Sample ID: 580-24912-7 Date Sampled: 03/10/2011 1250

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-3 (4-5)**

Lab Sample ID: 580-24912-8 Date Sampled: 03/10/2011 1310

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	68		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	32		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-4 (0-1)**

Lab Sample ID: 580-24912-9 Date Sampled: 03/10/2011 1415
Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

Client: MWH Americas Inc

Job Number: 580-24912-1

General Chemistry

Client Sample ID: **YK-MW-4 (4-5)**

Lab Sample ID: 580-24912-10

Client Matrix: Solid

Date Sampled: 03/10/2011 1430

Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	71		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	29		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB5 (0-1)**

Lab Sample ID: 580-24912-11 Date Sampled: 03/10/2011 1340

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB05 (5-6)**

Lab Sample ID: 580-24912-12 Date Sampled: 03/10/2011 1350

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	73		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	27		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB09 (0-1)**

Lab Sample ID: 580-24912-13 Date Sampled: 03/10/2011 1510

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB09 D(0-1)**

Lab Sample ID: 580-24912-14 Date Sampled: 03/10/2011 1510

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB09 (4-5)**

Lab Sample ID: 580-24912-15 Date Sampled: 03/10/2011 1520

Client Matrix: Solid Date Received: 03/11/2011 1010

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82125	Date Analyzed: 03/11/2011 1231						DryWt Corrected: N

Client: MWH Americas Inc

Job Number: 580-24912-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FB %Rec	TFT %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
MB 580-82103/1-A		103	106	95	112	102
MB 580-82103/1-A		105	106	89	123	107
LCS 580-82103/2-A		105	104	95	125	107

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	75-125
TFT = Trifluorotoluene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: MWH Americas Inc

Job Number: 580-24912-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FB %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-24912-1	YK-MW-1 (0-1)	104	91	120	107
580-24912-2	YK-MW-1 (4-5)	105	93	115	104
580-24912-3	YK-MW-1 (4-5) Dup	101	90	114	100
580-24912-4	YK-MW-2 (0-1)	102	92	112	98
580-24912-5	YK-MW-2 (4-5)	101	90	108	95
580-24912-6	YK-MW-3 (0-1)	104	90	115	103
580-24912-7	YK-MW-31 (0-1)	101	90	111	100
580-24912-8	YK-MW-3 (4-5)	103	89	114	99
580-24912-9	YK-MW-4 (0-1)	104	87	112	97
580-24912-10	YK-MW-4 (4-5)	103	86	111	98
580-24912-11 RA	YK-SB5 (0-1) RA	102	88	136X	108
580-24912-12 RA	YK-SB05 (5-6) RA	105	88	132X	105
580-24912-13 RA	YK-SB09 (0-1) RA	103	88	129X	111
580-24912-14 RA	YK-SB09 D(0-1) RA	105	88	127X	109
580-24912-15 RA	YK-SB09 (4-5) RA	106	88	124	106

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: MWH Americas Inc

Job Number: 580-24912-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
580-24912-1	YK-MW-1 (0-1)	90	89	91	83	80	75
580-24912-2	YK-MW-1 (4-5)	87	87	82	71	67	64
580-24912-3	YK-MW-1 (4-5) Dup	88	89	92	74	72	67
580-24912-4	YK-MW-2 (0-1)	94	91	89	71	79	66
580-24912-5	YK-MW-2 (4-5)	96	94	93	78	75	71
580-24912-6	YK-MW-3 (0-1)	92	91	91	85	81	74
580-24912-7	YK-MW-31 (0-1)	89	85	90	54	76	62
580-24912-8	YK-MW-3 (4-5)	95	95	91	73	71	66
580-24912-9	YK-MW-4 (0-1)	92	80	90	81	86	63
580-24912-10	YK-MW-4 (4-5)	89	95	89	66	76	70
580-24912-11	YK-SB5 (0-1)	88	89	81	51	64	54
580-24912-12	YK-SB05 (5-6)	90	93	83	59	59	58
580-24912-13	YK-SB09 (0-1)	88	82	82	73	66	62
580-24912-14	YK-SB09 D(0-1)	88	90	88	85	75	71
580-24912-15	YK-SB09 (4-5)	88	85	88	72	75	66
MB 580-82124/1-A		95	90	91	90	64	73
LCS 580-82124/2-A		85	85	86	82	80	68
580-24912-15 MS	YK-SB09 (4-5) MS	82	84	82	64	78	52
580-24912-15 MSD	YK-SB09 (4-5) MSD	93	89	88	71	81	53

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	36-145
PHL = Phenol-d5	38-149
NBZ = Nitrobenzene-d5	38-141
FBP = 2-Fluorobiphenyl	42-140
TBP = 2,4,6-Tribromophenol	28-143
TPH = Terphenyl-d14	42-151

Client: MWH Americas Inc

Job Number: 580-24912-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
580-24912-1 RE	YK-MW-1 (0-1) RE	86	87	83	72
580-24912-2 RE	YK-MW-1 (4-5) RE	98	102	104	92
580-24912-3 RE	YK-MW-1 (4-5) Dup RE	84	86	79	69
580-24912-4 RE	YK-MW-2 (0-1) RE	59	62	64	56X
580-24912-5 RE	YK-MW-2 (4-5) RE	85	87	87	74
580-24912-6 RE	YK-MW-3 (0-1) RE	63	65	51X	45X
580-24912-7 RE	YK-MW-31 (0-1) RE	81	83	80	68
580-24912-8 RE	YK-MW-3 (4-5) RE	85	86	86	74
580-24912-9 RE	YK-MW-4 (0-1) RE	63	68	66	57X
580-24912-10 RE	YK-MW-4 (4-5) RE	88	91	86	74
580-24912-11 RE	YK-SB5 (0-1) RE	65	69	62	57X
580-24912-12 RE	YK-SB05 (5-6) RE	78	81	70	63
580-24912-13 RE	YK-SB09 (0-1) RE	61	63	65	58X
580-24912-14 RE	YK-SB09 D(0-1) RE	71	72	75	65
580-24912-15 RE	YK-SB09 (4-5) RE	74	77	80	70
MB 580-82185/16-A		96	100	99	86
LCS 580-82185/17-A		95	92	98	85
580-24912-4 MS RE	YK-MW-2 (0-1) MS RE	79	84	82	71
580-24912-4 MSD RE	YK-MW-2 (0-1) MSD RE	83	87	84	73

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	45-155
DCB = DCB Decachlorobiphenyl	60-125

Method Blank - Batch: 580-82103

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82103/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/11/2011 1318
Date Prepared: 03/11/2011 1016

Analysis Batch: 580-82138
Prep Batch: 580-82103
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134443.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		10	40
Chloromethane	ND		100	400
Vinyl chloride	ND		2.0	8.0
Bromomethane	ND		35	140
Chloroethane	ND		100	400
Trichlorofluoromethane	ND		10	40
1,1-Dichloroethene	ND		5.0	20
Methylene Chloride	ND		10	40
trans-1,2-Dichloroethene	ND		10	40
1,1-Dichloroethane	ND		10	40
2,2-Dichloropropane	ND		10	40
cis-1,2-Dichloroethene	ND		10	40
Chlorobromomethane	ND		12	40
Chloroform	ND		10	40
1,1,1-Trichloroethane	ND		10	40
Carbon tetrachloride	ND		5.0	20
1,1-Dichloropropene	ND		10	40
Benzene	ND		4.0	16
1,2-Dichloroethane	ND		10	40
Trichloroethene	ND		4.0	16
1,2-Dichloropropane	ND		3.9	12
Dibromomethane	ND		10	40
Dichlorobromomethane	ND		10	40
cis-1,3-Dichloropropene	ND		4.0	16
Toluene	ND		10	40
trans-1,3-Dichloropropene	ND		4.0	16
1,1,2-Trichloroethane	ND		3.0	12
Tetrachloroethene	8.95	J	5.0	20
1,3-Dichloropropane	ND		10	40
Chlorodibromomethane	ND		10	40
Ethylene Dibromide	ND		10	40
Chlorobenzene	ND		10	40
Ethylbenzene	ND		10	40
1,1,1,2-Tetrachloroethane	ND		10	40
1,1,2,2-Tetrachloroethane	ND		3.3	10
m-Xylene & p-Xylene	ND		10	40
o-Xylene	ND		10	40
Styrene	ND		10	40
Bromoform	ND		11	40
Isopropylbenzene	ND		10	40
Bromobenzene	ND		10	40
N-Propylbenzene	ND		10	40
1,2,3-Trichloropropane	ND		12	40

Client: MWH Americas Inc

Job Number: 580-24912-1

Method Blank - Batch: 580-82103

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82103/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/11/2011 1318
Date Prepared: 03/11/2011 1016

Analysis Batch: 580-82138
Prep Batch: 580-82103
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134443.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
2-Chlorotoluene	ND		10	40
1,3,5-Trimethylbenzene	ND		10	40
4-Chlorotoluene	ND		13	40
tert-Butylbenzene	ND		10	40
1,2,4-Trimethylbenzene	ND		10	40
sec-Butylbenzene	ND		10	40
1,3-Dichlorobenzene	ND		10	40
4-Isopropyltoluene	10.7	J	10	40
1,4-Dichlorobenzene	ND		10	40
n-Butylbenzene	13.4	J	10	40
1,2-Dichlorobenzene	ND		10	40
1,2-Dibromo-3-Chloropropane	ND		66	200
1,2,4-Trichlorobenzene	ND		10	40
1,2,3-Trichlorobenzene	ND		10	40
Hexachlorobutadiene	28.2	J	10	40
Naphthalene	ND		10	40
Methyl tert-butyl ether	ND		10	40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	103	75 - 125
Toluene-d8 (Surr)	95	85 - 115
Ethylbenzene-d10	112	75 - 125
4-Bromofluorobenzene (Surr)	102	85 - 120
Trifluorotoluene (Surr)	106	75 - 125

Client: MWH Americas Inc

Job Number: 580-24912-1

Method Blank - Batch: 580-82103

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82103/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1313
Date Prepared: 03/11/2011 1016

Analysis Batch: 580-82177
Prep Batch: 580-82103
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134513.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		10	40
Chloromethane	ND		100	400
Vinyl chloride	ND		2.0	8.0
Bromomethane	ND		35	140
Chloroethane	ND		100	400
Trichlorofluoromethane	ND		10	40
1,1-Dichloroethene	ND		5.0	20
Methylene Chloride	ND		10	40
trans-1,2-Dichloroethene	ND		10	40
1,1-Dichloroethane	ND		10	40
2,2-Dichloropropane	ND		10	40
cis-1,2-Dichloroethene	ND		10	40
Chlorobromomethane	ND		12	40
Chloroform	ND		10	40
1,1,1-Trichloroethane	ND		10	40
Carbon tetrachloride	ND		5.0	20
1,1-Dichloropropene	ND		10	40
Benzene	ND		4.0	16
1,2-Dichloroethane	ND		10	40
Trichloroethene	ND		4.0	16
1,2-Dichloropropane	ND		3.9	12
Dibromomethane	ND		10	40
Dichlorobromomethane	ND		10	40
cis-1,3-Dichloropropene	ND		4.0	16
Toluene	ND		10	40
trans-1,3-Dichloropropene	ND		4.0	16
1,1,2-Trichloroethane	ND		3.0	12
Tetrachloroethene	ND		5.0	20
1,3-Dichloropropane	ND		10	40
Chlorodibromomethane	ND		10	40
Ethylene Dibromide	ND		10	40
Chlorobenzene	ND		10	40
Ethylbenzene	ND		10	40
1,1,1,2-Tetrachloroethane	ND		10	40
1,1,2,2-Tetrachloroethane	ND		3.3	10
m-Xylene & p-Xylene	ND		10	40
o-Xylene	ND		10	40
Styrene	ND		10	40
Bromoform	ND		11	40
Isopropylbenzene	ND		10	40
Bromobenzene	ND		10	40
N-Propylbenzene	ND		10	40
1,2,3-Trichloropropane	ND		12	40

Client: MWH Americas Inc

Job Number: 580-24912-1

Method Blank - Batch: 580-82103

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82103/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1313
Date Prepared: 03/11/2011 1016

Analysis Batch: 580-82177
Prep Batch: 580-82103
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134513.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
2-Chlorotoluene	ND		10	40
1,3,5-Trimethylbenzene	ND		10	40
4-Chlorotoluene	ND		13	40
tert-Butylbenzene	ND		10	40
1,2,4-Trimethylbenzene	ND		10	40
sec-Butylbenzene	ND		10	40
1,3-Dichlorobenzene	ND		10	40
4-Isopropyltoluene	ND		10	40
1,4-Dichlorobenzene	ND		10	40
n-Butylbenzene	ND		10	40
1,2-Dichlorobenzene	ND		10	40
1,2-Dibromo-3-Chloropropane	ND		66	200
1,2,4-Trichlorobenzene	ND		10	40
1,2,3-Trichlorobenzene	ND		10	40
Hexachlorobutadiene	ND		10	40
Naphthalene	ND		10	40
Methyl tert-butyl ether	ND		10	40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	105	75 - 125
Toluene-d8 (Surr)	89	85 - 115
Ethylbenzene-d10	123	75 - 125
4-Bromofluorobenzene (Surr)	107	85 - 120
Trifluorotoluene (Surr)	106	75 - 125

Client: MWH Americas Inc

Job Number: 580-24912-1

Lab Control Sample - Batch: 580-82103

Method: 8260B
Preparation: 5035

Lab Sample ID: LCS 580-82103/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/11/2011 1343
Date Prepared: 03/11/2011 1016

Analysis Batch: 580-82138
Prep Batch: 580-82103
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134445.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethene	800	813	102	65 - 135	
Benzene	800	822	103	75 - 125	
Trichloroethene	800	834	104	75 - 125	
Toluene	800	790	99	70 - 125	
Chlorobenzene	800	991	124	75 - 125	

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	105	75 - 125
Toluene-d8 (Surr)	95	85 - 115
Ethylbenzene-d10	125	75 - 125
4-Bromofluorobenzene (Surr)	107	85 - 120
Trifluorotoluene (Surr)	104	75 - 125

Client: MWH Americas Inc

Job Number: 580-24912-1

Method Blank - Batch: 580-82124

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-82124/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1311
Date Prepared: 03/11/2011 1229

Analysis Batch: 580-82179
Prep Batch: 580-82124
Units: ug/Kg

Instrument ID: TAC040
Lab File ID: ak024460.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	ND		15	100
Bis(2-chloroethyl)ether	ND		15	100
2-Chlorophenol	ND		15	100
1,3-Dichlorobenzene	ND		15	50
1,4-Dichlorobenzene	ND		15	50
Benzyl alcohol	ND		15	100
1,2-Dichlorobenzene	ND		15	50
2-Methylphenol	ND		15	100
3 & 4 Methylphenol	ND		15	200
N-Nitrosodi-n-propylamine	ND		15	100
Hexachloroethane	ND		15	100
Nitrobenzene	ND		34	100
Isophorone	ND		5.0	100
2-Nitrophenol	ND		15	100
2,4-Dimethylphenol	ND		15	100
Benzoic acid	ND		750	2500
Bis(2-chloroethoxy)methane	ND		5.0	100
2,4-Dichlorophenol	ND		15	100
1,2,4-Trichlorobenzene	ND		15	50
Naphthalene	ND		5.0	20
4-Chloroaniline	ND		15	100
Hexachlorobutadiene	ND		15	50
4-Chloro-3-methylphenol	ND		15	100
2-Methylnaphthalene	ND		5.0	20
Hexachlorocyclopentadiene	ND		5.0	100
2,4,6-Trichlorophenol	ND		15	150
2,4,5-Trichlorophenol	ND		15	100
2-Chloronaphthalene	ND		5.0	20
2-Nitroaniline	ND		15	100
Dimethyl phthalate	ND		5.0	100
Acenaphthylene	ND		5.0	20
2,6-Dinitrotoluene	ND		15	100
3-Nitroaniline	ND		15	100
Acenaphthene	ND		5.0	20
2,4-Dinitrophenol	ND		200	1000
4-Nitrophenol	ND		250	1000
Dibenzofuran	ND		5.0	100
2,4-Dinitrotoluene	ND		15	100
Diethyl phthalate	ND		15	100
4-Chlorophenyl phenyl ether	ND		15	100
Fluorene	ND		5.0	20
4-Nitroaniline	ND		15	100
4,6-Dinitro-2-methylphenol	ND		100	1000

Client: MWH Americas Inc

Job Number: 580-24912-1

Method Blank - Batch: 580-82124

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-82124/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1311
Date Prepared: 03/11/2011 1229

Analysis Batch: 580-82179
Prep Batch: 580-82124
Units: ug/Kg

Instrument ID: TAC040
Lab File ID: ak024460.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	ND		5.0	50
4-Bromophenyl phenyl ether	ND		15	100
Hexachlorobenzene	ND		5.0	50
Pentachlorophenol	ND		15	200
Phenanthrene	ND		5.0	20
Anthracene	ND		5.0	20
Di-n-butyl phthalate	ND		50	200
Fluoranthene	ND		5.0	20
Pyrene	ND		5.0	20
Butyl benzyl phthalate	ND		50	100
3,3'-Dichlorobenzidine	ND		30	200
Benzo[a]anthracene	ND		5.0	25
Chrysene	ND		5.0	25
Bis(2-ethylhexyl) phthalate	ND		50	1500
Di-n-octyl phthalate	ND		5.0	200
Benzo[a]pyrene	ND		5.0	30
Indeno[1,2,3-cd]pyrene	ND		5.0	40
Dibenz(a,h)anthracene	ND		5.0	40
Benzo[g,h,i]perylene	ND		5.0	25
Carbazole	ND		5.0	150
1-Methylnaphthalene	ND		5.0	30
Benzo[b]fluoranthene	ND		5.0	20
Benzo[k]fluoranthene	ND		5.0	25
2,2'-oxybis[1-chloropropane]	ND		15	150

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	95	36 - 145
Phenol-d5	90	38 - 149
Nitrobenzene-d5	91	38 - 141
2-Fluorobiphenyl	90	42 - 140
2,4,6-Tribromophenol	64	28 - 143
Terphenyl-d14	73	42 - 151

Client: MWH Americas Inc

Job Number: 580-24912-1

Lab Control Sample - Batch: 580-82124

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 580-82124/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1338
Date Prepared: 03/11/2011 1229

Analysis Batch: 580-82179
Prep Batch: 580-82124
Units: ug/Kg

Instrument ID: TAC040
Lab File ID: ak024461.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	986	933	95	66 - 126	
Bis(2-chloroethyl)ether	1000	745	74	57 - 122	
2-Chlorophenol	1000	897	89	65 - 125	
1,3-Dichlorobenzene	999	867	87	64 - 124	
1,4-Dichlorobenzene	1000	902	90	62 - 132	
Benzyl alcohol	1000	647	65	42 - 147	
1,2-Dichlorobenzene	999	856	86	68 - 118	
2-Methylphenol	1000	893	89	56 - 121	
3 & 4 Methylphenol	1010	1060	105	61 - 126	
N-Nitrosodi-n-propylamine	995	919	92	52 - 127	
Hexachloroethane	1000	825	83	56 - 131	
Nitrobenzene	1000	1090	109	59 - 134	
Isophorone	1000	1140	114	53 - 118	
2-Nitrophenol	1020	837	82	58 - 128	
2,4-Dimethylphenol	982	860	88	58 - 133	
Benzoic acid	5010	2660	53	10 - 130	
Bis(2-chloroethoxy)methane	1000	844	84	63 - 128	
2,4-Dichlorophenol	983	801	82	59 - 124	
1,2,4-Trichlorobenzene	1010	865	86	63 - 128	
Naphthalene	987	881	89	64 - 129	
4-Chloroaniline	1010	553	55	20 - 181	
Hexachlorobutadiene	1010	860	85	59 - 134	
4-Chloro-3-methylphenol	1010	871	86	58 - 128	
2-Methylnaphthalene	1010	950	94	65 - 125	
Hexachlorocyclopentadiene	999	759	76	30 - 132	
2,4,6-Trichlorophenol	1000	830	83	66 - 131	
2,4,5-Trichlorophenol	1000	971	97	64 - 124	
2-Chloronaphthalene	1000	895	90	69 - 129	
2-Nitroaniline	1010	863	86	58 - 133	
Dimethyl phthalate	1010	898	89	65 - 125	
Acenaphthylene	990	940	95	69 - 129	
2,6-Dinitrotoluene	1000	1080	108	65 - 125	
3-Nitroaniline	1000	800	80	80 - 165	
Acenaphthene	988	849	86	65 - 130	
2,4-Dinitrophenol	4990	3310	66	53 - 168	
4-Nitrophenol	4970	4220	85	47 - 172	
Dibenzofuran	1000	878	87	70 - 125	
2,4-Dinitrotoluene	1000	1110	110	57 - 122	
Diethyl phthalate	1000	887	89	64 - 129	
4-Chlorophenyl phenyl ether	1000	864	86	65 - 130	
Fluorene	996	876	88	68 - 128	
4-Nitroaniline	1000	963	96	70 - 150	
4,6-Dinitro-2-methylphenol	5030	3210	64	38 - 143	
N-Nitrosodiphenylamine	998	919	92	88 - 153	

Client: MWH Americas Inc

Job Number: 580-24912-1

Lab Control Sample - Batch: 580-82124

Method: 8270C
Preparation: 3550B

Lab Sample ID:	LCS 580-82124/2-A	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82124	Lab File ID:	ak024461.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10 g
Date Analyzed:	03/13/2011 1338			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Bromophenyl phenyl ether	1000	845	84	64 - 134	
Hexachlorobenzene	1000	816	81	61 - 136	
Pentachlorophenol	984	785	80	29 - 124	
Phenanthrene	997	840	84	65 - 125	
Anthracene	994	893	90	73 - 123	
Di-n-butyl phthalate	1000	827	83	69 - 124	
Fluoranthene	996	880	88	61 - 121	
Pyrene	1000	833	83	54 - 134	
Butyl benzyl phthalate	1000	854	85	65 - 140	
3,3'-Dichlorobenzidine	2000	1590	80	73 - 163	
Benzo[a]anthracene	991	825	83	64 - 124	
Chrysene	991	829	84	71 - 126	
Bis(2-ethylhexyl) phthalate	1010	837	83	64 - 144	J
Di-n-octyl phthalate	1000	786	78	58 - 148	
Benzo[a]pyrene	990	850	86	68 - 128	
Indeno[1,2,3-cd]pyrene	997	867	87	59 - 139	
Dibenz(a,h)anthracene	999	901	90	57 - 142	
Benzo[g,h,i]perylene	992	807	81	57 - 142	
Carbazole	1000	925	92	88 - 158	
1-Methylnaphthalene	994	883	89	48 - 148	
Benzo[b]fluoranthene	989	776	78	66 - 136	
Benzo[k]fluoranthene	988	836	85	63 - 143	
2,2'-oxybis[1-chloropropane]	999	919	92	44 - 140	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	85	36 - 145
Phenol-d5	85	38 - 149
Nitrobenzene-d5	86	38 - 141
2-Fluorobiphenyl	82	42 - 140
2,4,6-Tribromophenol	80	28 - 143
Terphenyl-d14	68	42 - 151

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82124

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24912-15	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82124	Lab File ID:	ak024464.D
Dilution:	1.0			Initial Weight/Volume:	10.3215 g
Date Analyzed:	03/13/2011 1441			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24912-15	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82124	Lab File ID:	ak024465.D
Dilution:	1.0			Initial Weight/Volume:	10.2464 g
Date Analyzed:	03/13/2011 1502			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	84	95	66 - 126	12	26		
Bis(2-chloroethyl)ether	72	77	57 - 122	7	60		
2-Chlorophenol	82	90	65 - 125	10	27		
1,3-Dichlorobenzene	79	82	64 - 124	5	60		
1,4-Dichlorobenzene	81	86	62 - 132	8	32		
Benzyl alcohol	56	64	42 - 147	13	60		
1,2-Dichlorobenzene	80	84	68 - 118	6	60		
2-Methylphenol	84	93	56 - 121	10	25		
3 & 4 Methylphenol	93	92	61 - 126	0	27		
N-Nitrosodi-n-propylamine	91	93	52 - 127	2	28		
Hexachloroethane	73	77	56 - 131	5	60		
Nitrobenzene	104	107	59 - 134	4	60		
Isophorone	98	103	53 - 118	5	60		
2-Nitrophenol	74	76	58 - 128	4	60		
2,4-Dimethylphenol	73	72	58 - 133	0	60		
Benzoic acid	0	0	10 - 130	NC	60	F	F
Bis(2-chloroethoxy)methane	79	81	63 - 128	4	60		
2,4-Dichlorophenol	72	80	59 - 124	11	60		
1,2,4-Trichlorobenzene	72	71	63 - 128	1	28		
Naphthalene	77	76	64 - 129	1	26		
4-Chloroaniline	69	68	20 - 181	0	60		
Hexachlorobutadiene	68	67	59 - 134	2	60		
4-Chloro-3-methylphenol	78	80	58 - 128	3	27		
2-Methylnaphthalene	74	75	65 - 125	2	27		
Hexachlorocyclopentadiene	54	51	30 - 132	5	60		
2,4,6-Trichlorophenol	79	79	66 - 131	1	60		
2,4,5-Trichlorophenol	89	83	64 - 124	6	60		
2-Chloronaphthalene	73	74	69 - 129	2	25		
2-Nitroaniline	79	88	58 - 133	12	60		
Dimethyl phthalate	78	80	65 - 125	3	60		
Acenaphthylene	77	77	69 - 129	1	28		
2,6-Dinitrotoluene	95	97	65 - 125	4	60		

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82124

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24912-15	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82124	Lab File ID:	ak024464.D
Dilution:	1.0			Initial Weight/Volume:	10.3215 g
Date Analyzed:	03/13/2011 1441			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24912-15	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82124	Lab File ID:	ak024465.D
Dilution:	1.0			Initial Weight/Volume:	10.2464 g
Date Analyzed:	03/13/2011 1502			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
3-Nitroaniline	78	83	80 - 165	6	60	F	
Acenaphthene	69	68	65 - 130	1	27		
2,4-Dinitrophenol	18	18	53 - 168	2	60	J F	J F
4-Nitrophenol	77	78	47 - 172	2	33		
Dibenzofuran	71	70	70 - 125	1	60		
2,4-Dinitrotoluene	92	92	57 - 122	1	31		
Diethyl phthalate	73	70	64 - 129	3	26		
4-Chlorophenyl phenyl ether	66	66	65 - 130	1	60		
Fluorene	71	70	68 - 128	0	31		
4-Nitroaniline	93	98	70 - 150	6	60		
4,6-Dinitro-2-methylphenol	44	44	38 - 143	0	60		
N-Nitrosodiphenylamine	75	72	88 - 153	3	60	F	F
4-Bromophenyl phenyl ether	66	65	64 - 134	1	60		
Hexachlorobenzene	61	58	61 - 136	5	60		F
Pentachlorophenol	67	67	29 - 124	0	68		
Phenanthrene	68	64	65 - 125	4	28		F
Anthracene	71	68	73 - 123	3	27	F	F
Di-n-butyl phthalate	65	62	69 - 124	4	60	F	F
Fluoranthene	68	66	61 - 121	2	36		
Pyrene	68	64	54 - 134	5	31		
Butyl benzyl phthalate	66	65	65 - 140	1	60		
3,3'-Dichlorobenzidine	68	67	73 - 163	1	60	F	F
Benzo[a]anthracene	64	62	64 - 124	2	27		F
Chrysene	64	61	71 - 126	4	26	F	F
Bis(2-ethylhexyl) phthalate	65	64	64 - 144	1	60	J	J
Di-n-octyl phthalate	62	64	58 - 148	5	31		
Benzo[a]pyrene	64	62	68 - 128	2	30	F	F
Indeno[1,2,3-cd]pyrene	61	58	59 - 139	4	29		F
Dibenz(a,h)anthracene	64	61	57 - 142	5	30		
Benzo[g,h,i]perylene	57	54	57 - 142	5	28		F
Carbazole	83	82	88 - 158	1	60	F	F
1-Methylnaphthalene	73	73	48 - 148	0	30		

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82124

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24912-15	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82124	Lab File ID:	ak024464.D
Dilution:	1.0			Initial Weight/Volume:	10.3215 g
Date Analyzed:	03/13/2011 1441			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24912-15	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82124	Lab File ID:	ak024465.D
Dilution:	1.0			Initial Weight/Volume:	10.2464 g
Date Analyzed:	03/13/2011 1502			Final Weight/Volume:	10 mL
Date Prepared:	03/11/2011 1229			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[b]fluoranthene	62	60	66 - 136	3	31	F	F
Benzo[k]fluoranthene	63	61	63 - 143	3	31		F
2,2'-oxybis[1-chloropropane]	84	89	44 - 140	7	60		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	82	93	36 - 145
Phenol-d5	84	89	38 - 149
Nitrobenzene-d5	82	88	38 - 141
2-Fluorobiphenyl	64	71	42 - 140
2,4,6-Tribromophenol	78	81	28 - 143
Terphenyl-d14	52	53	42 - 151

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82124

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24912-15	Units: ug/Kg	MSD Lab Sample ID:	580-24912-15	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/13/2011 1441		Date Analyzed:	03/13/2011 1502	
Date Prepared:	03/11/2011 1229		Date Prepared:	03/11/2011 1229	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	ND	1240	1250	1040		1180	
Bis(2-chloroethyl)ether	ND	1260	1260	902		972	
2-Chlorophenol	ND	1260	1270	1030		1150	
1,3-Dichlorobenzene	ND	1250	1260	984		1040	
1,4-Dichlorobenzene	ND	1260	1270	1010		1090	
Benzyl alcohol	ND	1250	1260	709		811	
1,2-Dichlorobenzene	ND	1250	1260	1000		1060	
2-Methylphenol	ND	1260	1270	1060		1170	
3 & 4 Methylphenol	ND	1270	1280	1170		1180	
N-Nitrosodi-n-propylamine	ND	1250	1260	1140		1160	
Hexachloroethane	ND	1250	1260	918		967	
Nitrobenzene	ND	1260	1260	1310		1360	
Isophorone	ND	1260	1260	1240		1300	
2-Nitrophenol	ND	1280	1290	939		981	
2,4-Dimethylphenol	ND	1230	1240	896		899	
Benzoic acid	ND	6280	6330	ND	F	ND	F
Bis(2-chloroethoxy)methane	ND	1260	1270	988		1030	
2,4-Dichlorophenol	ND	1230	1240	885		989	
1,2,4-Trichlorobenzene	ND	1260	1270	908		901	
Naphthalene	ND	1240	1250	953		946	
4-Chloroaniline	ND	1270	1280	870		871	
Hexachlorobutadiene	ND	1270	1280	865		850	
4-Chloro-3-methylphenol	ND	1260	1270	988		1020	
2-Methylnaphthalene	ND	1270	1280	940		961	
Hexachlorocyclopentadiene	ND	1250	1260	676		642	
2,4,6-Trichlorophenol	ND	1260	1270	995		1010	
2,4,5-Trichlorophenol	ND	1260	1270	1120		1060	
2-Chloronaphthalene	ND	1250	1260	919		934	
2-Nitroaniline	ND	1270	1280	998		1130	
Dimethyl phthalate	ND	1260	1270	986		1020	
Acenaphthylene	ND	1240	1250	952		958	
2,6-Dinitrotoluene	ND	1250	1260	1190		1230	
3-Nitroaniline	ND	1260	1270	983	F	1040	
Acenaphthene	ND	1240	1250	853		849	
2,4-Dinitrophenol	ND	6260	6300	1140	J F	1110	J F
4-Nitrophenol	ND	6230	6280	4800		4880	
Dibenzofuran	ND	1260	1270	892		883	
2,4-Dinitrotoluene	ND	1260	1270	1160		1170	
Diethyl phthalate	ND	1250	1260	917		889	
4-Chlorophenyl phenyl ether	ND	1260	1270	834		839	
Fluorene	ND	1250	1260	881		877	

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82124

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24912-15	Units: ug/Kg	MSD Lab Sample ID:	580-24912-15	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/13/2011 1441		Date Analyzed:	03/13/2011 1502	
Date Prepared:	03/11/2011 1229		Date Prepared:	03/11/2011 1229	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	ND	1250	1260	1170		1240	
4,6-Dinitro-2-methylphenol	ND	6310	6360	2790		2790	
N-Nitrosodiphenylamine	ND	1250	1260	938	F	908	F
4-Bromophenyl phenyl ether	ND	1250	1260	827		816	
Hexachlorobenzene	ND	1260	1270	766		730	F
Pentachlorophenol	ND	1230	1240	832		834	
Phenanthrene	ND	1250	1260	845		810	F
Anthracene	ND	1250	1260	886	F	859	F
Di-n-butyl phthalate	ND	1260	1270	813	F	779	F
Fluoranthene	ND	1250	1260	848		829	
Pyrene	ND	1260	1270	854		813	
Butyl benzyl phthalate	ND	1260	1270	830		821	
3,3'-Dichlorobenzidine	ND	2510	2520	1710	F	1700	F
Benzo[a]anthracene	ND	1240	1250	795		779	F
Chrysene	ND	1240	1250	791	F	760	F
Bis(2-ethylhexyl) phthalate	ND	1260	1270	825	J	813	J
Di-n-octyl phthalate	ND	1260	1270	775		813	
Benzo[a]pyrene	ND	1240	1250	795	F	777	F
Indeno[1,2,3-cd]pyrene	ND	1250	1260	761		729	F
Dibenz(a,h)anthracene	ND	1250	1260	808		769	
Benzo[g,h,i]perylene	ND	1240	1250	708		675	F
Carbazole	ND	1260	1260	1050	F	1030	F
1-Methylnaphthalene	ND	1250	1260	912		915	
Benzo[b]fluoranthene	ND	1240	1250	769	F	746	F
Benzo[k]fluoranthene	ND	1240	1250	779		759	F
2,2'-oxybis[1-chloropropane]	ND	1250	1260	1050		1120	

Client: MWH Americas Inc

Job Number: 580-24912-1

Method Blank - Batch: 580-82185

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 580-82185/16-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0338
Date Prepared: 03/13/2011 1230

Analysis Batch: 580-82183
Prep Batch: 580-82185
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155330.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	ND		0.0032	0.010
PCB-1221	ND		0.0080	0.010
PCB-1232	ND		0.0070	0.010
PCB-1242	ND		0.0021	0.010
PCB-1248	ND		0.0030	0.010
PCB-1254	ND		0.0021	0.010
PCB-1260	ND		0.0030	0.010

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	96	45 - 155
DCB Decachlorobiphenyl	99	60 - 125

Lab Control Sample - Batch: 580-82185

Method: 8082
Preparation: 3550B

Lab Sample ID: LCS 580-82185/17-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0352
Date Prepared: 03/13/2011 1230

Analysis Batch: 580-82183
Prep Batch: 580-82185
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155331.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.100	0.0868	87	40 - 140	
PCB-1260	0.100	0.0884	88	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	95	45 - 155
DCB Decachlorobiphenyl	98	60 - 125

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82185

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	580-24912-4RE	Analysis Batch:	580-82183	Instrument ID:	TAC042
Client Matrix:	Solid	Prep Batch:	580-82185	Lab File ID:	CC155336.D
Dilution:	1.0	Run Type:	RE	Initial Weight/Volume:	9.6767 g
Date Analyzed:	03/14/2011 0502			Final Weight/Volume:	10 mL
Date Prepared:	03/13/2011 1230			Injection Volume:	1 uL
				Column ID:	PRIMARY

MSD Lab Sample ID:	580-24912-4RE	Analysis Batch:	580-82183	Instrument ID:	TAC042
Client Matrix:	Solid	Prep Batch:	580-82185	Lab File ID:	CC155337.D
Dilution:	1.0	Run Type:	RE	Initial Weight/Volume:	9.6725 g
Date Analyzed:	03/14/2011 0516			Final Weight/Volume:	10 mL
Date Prepared:	03/13/2011 1230			Injection Volume:	1 uL
				Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	76	77	40 - 140	2	20		
PCB-1260	77	80	60 - 130	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	79	83	45 - 155
DCB Decachlorobiphenyl	82	84	60 - 125

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82185

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	580-24912-4RE	Units: mg/Kg		MSD Lab Sample ID:	580-24912-4RE
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/14/2011 0502			Date Analyzed:	03/14/2011 0516
Date Prepared:	03/13/2011 1230			Date Prepared:	03/13/2011 1230
Run Type:	RE			Run Type:	RE

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	ND	0.136	0.136	0.103	0.105
PCB-1260	ND	0.136	0.136	0.104	0.109

Client: MWH Americas Inc

Job Number: 580-24912-1

Method Blank - Batch: 580-82127

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 580-82127/19-A
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 0656
Date Prepared: 03/11/2011 1314

Analysis Batch: 580-82234
Prep Batch: 580-82127
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.37	0.50
Antimony	ND		0.0080	0.20
Barium	ND		0.012	0.20
Beryllium	ND		0.022	0.20
Cadmium	ND		0.0080	0.20
Chromium	ND		0.072	0.20
Copper	ND		0.098	0.20
Lead	ND		0.0080	0.20
Molybdenum	0.0580	J	0.018	0.40
Nickel	ND		0.018	0.20
Selenium	ND		0.60	0.70
Silver	ND		0.0070	0.20
Tin	ND		0.012	0.50
Zinc	ND		0.20	0.70

LCS-Certified Reference Material - Batch:

Method: 6020
Preparation: 3050B

Lab Sample ID: LCSSRM 580-82127/22-A
Client Matrix: Solid
Dilution: 20
Date Analyzed: 03/14/2011 0743
Date Prepared: 03/11/2011 1314

Analysis Batch: 580-82234
Prep Batch: 580-82127
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 0.5048 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	109	111	102	71.1 - 128.9	
Antimony	121	198	164	21.0 - 251.6	
Barium	325	282	87	74.7 - 125.5	
Beryllium	92.1	78.4	85	75.3 - 124.7	
Cadmium	110	102	93	73.2 - 126.8	
Chromium	93.4	94.0	101	69.9 - 129.8	
Copper	84.7	74.9	88	73.2 - 126.8	
Lead	152	161	106	75.3 - 125.1	
Molybdenum	82.5	83.5	101	70.1 - 131.8	
Nickel	109	112	102	73.8 - 126.7	
Selenium	207	215	104	67.1 - 132.7	
Silver	51.9	47.4	91	65.6 - 134.4	
Tin	135	126	93	60.4 - 139.6	
Zinc	299	299	100	72.2 - 127.8	

Client: MWH Americas Inc

Job Number: 580-24912-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82127

Method: 6020
Preparation: 3050B

LCS Lab Sample ID:	LCS 580-82127/20-A	Analysis Batch:	580-82234	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82127	Lab File ID:	82127-ICPMS.rep
Dilution:	50	Units:	mg/Kg	Initial Weight/Volume:	1.0 g
Date Analyzed:	03/14/2011 0732			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

LCSD Lab Sample ID:	LCSD 580-82127/21-A	Analysis Batch:	580-82234	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82127	Lab File ID:	82127-ICPMS.rep
Dilution:	50	Units:	mg/Kg	Initial Weight/Volume:	1.0 g
Date Analyzed:	03/14/2011 0737			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Arsenic	99	100	80 - 120	1	20		
Antimony	91	89	80 - 120	2	20		
Barium	90	87	80 - 120	3	20		
Beryllium	91	92	80 - 120	1	20		
Cadmium	96	93	80 - 120	3	20		
Chromium	95	96	80 - 120	1	20		
Copper	103	105	80 - 120	1	20		
Lead	103	104	80 - 120	1	20		
Molybdenum	90	88	80 - 120	2	20		
Nickel	98	101	80 - 120	3	20		
Selenium	102	102	80 - 120	0	20		
Silver	95	95	80 - 120	1	20		
Tin	92	90	80 - 120	3	20		
Zinc	95	96	80 - 120	1	20		

Client: MWH Americas Inc

Job Number: 580-24912-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82127

Method: 6020
Preparation: 3050B

LCS Lab Sample ID:	LCS 580-82127/20-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 580-82127/21-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Date Analyzed:	03/14/2011 0732			Date Analyzed:	03/14/2011 0737
Date Prepared:	03/11/2011 1314			Date Prepared:	03/11/2011 1314

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Arsenic	200	200	199	201
Antimony	150	150	136	133
Barium	200	200	179	175
Beryllium	5.00	5.00	4.54	4.58
Cadmium	5.00	5.00	4.81	4.66
Chromium	20.0	20.0	19.1	19.3
Copper	25.0	25.0	25.8	26.2
Lead	50.0	50.0	51.7	52.0
Molybdenum	250	250	226	221
Nickel	50.0	50.0	49.2	50.6
Selenium	200	200	204	204
Silver	30.0	30.0	28.6	28.4
Tin	250	250	231	224
Zinc	50.0	50.0	47.6	48.2

Client: MWH Americas Inc

Job Number: 580-24912-1

Post Digestion Spike - Batch: 580-82127

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24912-1
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/14/2011 0727
Date Prepared: 03/11/2011 1314

Analysis Batch: 580-82234
Prep Batch: 580-82127
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.2912 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2.8		198	203	101	75 - 125	
Antimony	0.071	J	148	101	68	75 - 125	W
Barium	130		198	300	88	75 - 125	
Beryllium	0.47		4.94	5.04	92	75 - 125	
Cadmium	0.10	J	4.94	4.74	94	75 - 125	
Chromium	11		19.8	29.7	94	75 - 125	
Copper	18		24.7	44.5	106	75 - 125	
Lead	17		49.4	67.4	101	75 - 125	
Molybdenum	0.42		247	227	92	75 - 125	
Nickel	7.8		49.4	56.4	98	75 - 125	
Selenium	ND		198	203	103	75 - 125	
Silver	0.12	J	29.7	28.3	95	75 - 125	
Tin	0.58		247	231	93	75 - 125	
Zinc	54		49.4	103	99	75 - 125	

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82127

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	580-24912-1	Analysis Batch:	580-82234	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82127	Lab File ID:	82127-ICPMS.rep
Dilution:	50			Initial Weight/Volume:	1.2703 g
Date Analyzed:	03/14/2011 0717			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

MSD Lab Sample ID:	580-24912-1	Analysis Batch:	580-82234	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82127	Lab File ID:	82127-ICPMS.rep
Dilution:	50			Initial Weight/Volume:	1.1863 g
Date Analyzed:	03/14/2011 0722			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1314				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	93	97	80 - 120	11	20		
Antimony	60	66	80 - 120	16	20	F	F
Barium	78	89	80 - 120	12	20	F	
Beryllium	86	95	80 - 120	15	20		
Cadmium	86	94	80 - 120	16	20		
Chromium	87	98	80 - 120	12	20		
Copper	94	103	80 - 120	9	20		
Lead	95	102	80 - 120	10	20		
Molybdenum	86	91	80 - 120	12	20		
Nickel	92	97	80 - 120	10	20		
Selenium	97	99	80 - 120	10	20		
Silver	89	93	80 - 120	11	20		
Tin	87	91	80 - 120	11	20		
Zinc	86	101	80 - 120	10	20		

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82127

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	580-24912-1	Units: mg/Kg	MSD Lab Sample ID: 580-24912-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	50		Dilution: 50
Date Analyzed:	03/14/2011 0717		Date Analyzed: 03/14/2011 0722
Date Prepared:	03/11/2011 1314		Date Prepared: 03/11/2011 1314

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Arsenic	2.8		201	215	191		212	
Antimony	0.071	J	151	161	91.2	F	106	F
Barium	130		201	215	284	F	318	
Beryllium	0.47		5.02	5.38	4.82		5.58	
Cadmium	0.10	J	5.02	5.38	4.44		5.19	
Chromium	11		20.1	21.5	28.4		32.0	
Copper	18		25.1	26.9	41.9		46.1	
Lead	17		50.2	53.8	65.0		72.1	
Molybdenum	0.42		251	269	217		246	
Nickel	7.8		50.2	53.8	54.2		60.2	
Selenium	ND		201	215	194		213	
Silver	0.12	J	30.1	32.3	27.0		30.2	
Tin	0.58		251	269	219		245	
Zinc	54		50.2	53.8	97.7		109	

Serial Dilution - Batch: 580-82127

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24912-1
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/14/2011 0701
Date Prepared: 03/11/2011 1314

Analysis Batch: 580-82234
Prep Batch: 580-82127
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.2912 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Arsenic	2.8		2.76	NC	10	
Antimony	0.071	J	0.0692	NC	10	J
Barium	130		124	2.8	10	
Beryllium	0.47		0.423	NC	10	J
Cadmium	0.10	J	0.0742	NC	10	J
Chromium	11		10.4	5.3	10	
Copper	18		19.6	6.5	10	
Lead	17		17.7	1.0	10	
Molybdenum	0.42		0.531	NC	10	J
Nickel	7.8		8.08	3.6	10	
Selenium	ND		ND	NC	10	
Silver	0.12	J	0.0989	NC	10	J
Tin	0.58		0.519	NC	10	J
Zinc	54		56.0	3.1	10	

Duplicate - Batch: 580-82127

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24912-1
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 0712
Date Prepared: 03/11/2011 1314

Analysis Batch: 580-82234
Prep Batch: 580-82127
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.0806 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	2.8		3.54	23	20	F
Antimony	0.071	J	0.0868	20	20	J
Barium	130		155	20	20	
Beryllium	0.47		0.512	8	20	
Cadmium	0.10	J	0.146	34	20	J
Chromium	11		13.8	23	20	F
Copper	18		23.2	23	20	F
Lead	17		21.8	22	20	F
Molybdenum	0.42		0.529	23	20	
Nickel	7.8		9.80	23	20	F
Selenium	ND		ND	NC	20	
Silver	0.12	J	0.164	28	20	J
Tin	0.58		0.724	22	20	

Client: MWH Americas Inc

Job Number: 580-24912-1

Duplicate - Batch: 580-82127

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24912-1
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 0712
Date Prepared: 03/11/2011 1314

Analysis Batch: 580-82234
Prep Batch: 580-82127
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.0806 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Zinc	54	67.2	21	20	F

Client: MWH Americas Inc

Job Number: 580-24912-1

Method Blank - Batch: 580-82132

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 580-82132/19-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0842
Date Prepared: 03/11/2011 1359

Analysis Batch: 580-82235
Prep Batch: 580-82132
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.0052	0.017

LCS-Certified Reference Material - Batch:

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCSSRM 580-82132/22-A
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 0850
Date Prepared: 03/11/2011 1359

Analysis Batch: 580-82235
Prep Batch: 580-82132
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.1005 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	16.3	15.9	97	51.1 - 148.9	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82132

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID: LCS 580-82132/20-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0844
Date Prepared: 03/11/2011 1359

Analysis Batch: 580-82235
Prep Batch: 580-82132
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 580-82132/21-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0847
Date Prepared: 03/11/2011 1359

Analysis Batch: 580-82235
Prep Batch: 580-82132
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	101	101	80 - 120	0	20		

Client: MWH Americas Inc

Job Number: 580-24912-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82132

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID:	LCS 580-82132/20-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 580-82132/21-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/14/2011 0844			Date Analyzed:	03/14/2011 0847
Date Prepared:	03/11/2011 1359			Date Prepared:	03/11/2011 1359

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.167	0.167	0.168	0.168

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82132

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	580-24912-1	Analysis Batch:	580-82235	Instrument ID:	TAC103
Client Matrix:	Solid	Prep Batch:	580-82132	Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7144 g
Date Analyzed:	03/14/2011 0857			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

MSD Lab Sample ID:	580-24912-1	Analysis Batch:	580-82235	Instrument ID:	TAC103
Client Matrix:	Solid	Prep Batch:	580-82132	Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6683 g
Date Analyzed:	03/14/2011 0900			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	84	84	80 - 120	5	20		

Client: MWH Americas Inc

Job Number: 580-24912-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82132

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	580-24912-1	Units: mg/Kg	MSD Lab Sample ID:	580-24912-1	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/14/2011 0857		Date Analyzed:	03/14/2011 0900	
Date Prepared:	03/11/2011 1359		Date Prepared:	03/11/2011 1359	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.037	0.179	0.191	0.187	0.197

Duplicate - Batch: 580-82132

Method: 7471A
Preparation: 7471A

Lab Sample ID:	580-24912-1	Analysis Batch:	580-82235	Instrument ID:	TAC103
Client Matrix:	Solid	Prep Batch:	580-82132	Lab File ID:	82132-HG.CSV
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	0.6517 g
Date Analyzed:	03/14/2011 0855			Final Weight/Volume:	50 mL
Date Prepared:	03/11/2011 1359				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.037	0.0482	26	20	

Client: MWH Americas Inc

Job Number: 580-24912-1

Duplicate - Batch: 580-82125

Method: Moisture
Preparation: N/A

Lab Sample ID: 580-24912-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/11/2011 1231
Date Prepared: N/A

Analysis Batch: 580-82125
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	78	78	0.2	20	
Percent Moisture	22	22	0.6	20	

DATA REPORTING QUALIFIERS

Client: MWH Americas Inc Job Number: 580-24912-1

Lab Section	Qualifier	Description
GC/MS VOA		
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
GC/MS Semi VOA		
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	F	Duplicate RPD exceeds the control limit
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	F	MS or MSD exceeds the control limits
	W	PS: Post-digestion spike was outside control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 580-82103					
LCS 580-82103/2-A	Lab Control Sample	T	Solid	5035	
MB 580-82103/1-A	Method Blank	T	Solid	5035	
580-24912-1	YK-MW-1 (0-1)	T	Solid	5035	
580-24912-2	YK-MW-1 (4-5)	T	Solid	5035	
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	5035	
580-24912-4	YK-MW-2 (0-1)	T	Solid	5035	
580-24912-5	YK-MW-2 (4-5)	T	Solid	5035	
580-24912-6	YK-MW-3 (0-1)	T	Solid	5035	
580-24912-7	YK-MW-31 (0-1)	T	Solid	5035	
580-24912-8	YK-MW-3 (4-5)	T	Solid	5035	
580-24912-9	YK-MW-4 (0-1)	T	Solid	5035	
580-24912-10	YK-MW-4 (4-5)	T	Solid	5035	
580-24912-11RA	YK-SB5 (0-1)	T	Solid	5035	
580-24912-12RA	YK-SB05 (5-6)	T	Solid	5035	
580-24912-13RA	YK-SB09 (0-1)	T	Solid	5035	
580-24912-14RA	YK-SB09 D(0-1)	T	Solid	5035	
580-24912-15RA	YK-SB09 (4-5)	T	Solid	5035	
Analysis Batch:580-82138					
LCS 580-82103/2-A	Lab Control Sample	T	Solid	8260B	580-82103
MB 580-82103/1-A	Method Blank	T	Solid	8260B	580-82103
580-24912-1	YK-MW-1 (0-1)	T	Solid	8260B	580-82103
580-24912-2	YK-MW-1 (4-5)	T	Solid	8260B	580-82103
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	8260B	580-82103
580-24912-4	YK-MW-2 (0-1)	T	Solid	8260B	580-82103
580-24912-5	YK-MW-2 (4-5)	T	Solid	8260B	580-82103
580-24912-6	YK-MW-3 (0-1)	T	Solid	8260B	580-82103
580-24912-7	YK-MW-31 (0-1)	T	Solid	8260B	580-82103
580-24912-8	YK-MW-3 (4-5)	T	Solid	8260B	580-82103
580-24912-9	YK-MW-4 (0-1)	T	Solid	8260B	580-82103
580-24912-10	YK-MW-4 (4-5)	T	Solid	8260B	580-82103
Analysis Batch:580-82177					
MB 580-82103/1-A	Method Blank	T	Solid	8260B	580-82103
580-24912-11RA	YK-SB5 (0-1)	T	Solid	8260B	580-82103
580-24912-12RA	YK-SB05 (5-6)	T	Solid	8260B	580-82103
580-24912-13RA	YK-SB09 (0-1)	T	Solid	8260B	580-82103
580-24912-14RA	YK-SB09 D(0-1)	T	Solid	8260B	580-82103
580-24912-15RA	YK-SB09 (4-5)	T	Solid	8260B	580-82103

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 580-82124					
LCS 580-82124/2-A	Lab Control Sample	T	Solid	3550B	
MB 580-82124/1-A	Method Blank	T	Solid	3550B	
580-24912-1	YK-MW-1 (0-1)	T	Solid	3550B	
580-24912-2	YK-MW-1 (4-5)	T	Solid	3550B	
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	3550B	
580-24912-4	YK-MW-2 (0-1)	T	Solid	3550B	
580-24912-5	YK-MW-2 (4-5)	T	Solid	3550B	
580-24912-6	YK-MW-3 (0-1)	T	Solid	3550B	
580-24912-7	YK-MW-31 (0-1)	T	Solid	3550B	
580-24912-8	YK-MW-3 (4-5)	T	Solid	3550B	
580-24912-9	YK-MW-4 (0-1)	T	Solid	3550B	
580-24912-10	YK-MW-4 (4-5)	T	Solid	3550B	
580-24912-11	YK-SB5 (0-1)	T	Solid	3550B	
580-24912-12	YK-SB05 (5-6)	T	Solid	3550B	
580-24912-13	YK-SB09 (0-1)	T	Solid	3550B	
580-24912-14	YK-SB09 D(0-1)	T	Solid	3550B	
580-24912-15	YK-SB09 (4-5)	T	Solid	3550B	
580-24912-15MS	Matrix Spike	T	Solid	3550B	
580-24912-15MSD	Matrix Spike Duplicate	T	Solid	3550B	
Analysis Batch:580-82179					
LCS 580-82124/2-A	Lab Control Sample	T	Solid	8270C	580-82124
MB 580-82124/1-A	Method Blank	T	Solid	8270C	580-82124
580-24912-1	YK-MW-1 (0-1)	T	Solid	8270C	580-82124
580-24912-2	YK-MW-1 (4-5)	T	Solid	8270C	580-82124
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	8270C	580-82124
580-24912-4	YK-MW-2 (0-1)	T	Solid	8270C	580-82124
580-24912-5	YK-MW-2 (4-5)	T	Solid	8270C	580-82124
580-24912-6	YK-MW-3 (0-1)	T	Solid	8270C	580-82124
580-24912-7	YK-MW-31 (0-1)	T	Solid	8270C	580-82124
580-24912-13	YK-SB09 (0-1)	T	Solid	8270C	580-82124
580-24912-14	YK-SB09 D(0-1)	T	Solid	8270C	580-82124
580-24912-15	YK-SB09 (4-5)	T	Solid	8270C	580-82124
580-24912-15MS	Matrix Spike	T	Solid	8270C	580-82124
580-24912-15MSD	Matrix Spike Duplicate	T	Solid	8270C	580-82124
Analysis Batch:580-82189					
580-24912-8	YK-MW-3 (4-5)	T	Solid	8270C	580-82124
580-24912-9	YK-MW-4 (0-1)	T	Solid	8270C	580-82124
580-24912-10	YK-MW-4 (4-5)	T	Solid	8270C	580-82124
580-24912-11	YK-SB5 (0-1)	T	Solid	8270C	580-82124
580-24912-12	YK-SB05 (5-6)	T	Solid	8270C	580-82124

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:580-82183					
LCS 580-82185/17-A	Lab Control Sample	T	Solid	8082	580-82185
MB 580-82185/16-A	Method Blank	T	Solid	8082	580-82185
580-24912-1RE	YK-MW-1 (0-1)	T	Solid	8082	580-82185
580-24912-2RE	YK-MW-1 (4-5)	T	Solid	8082	580-82185
580-24912-3RE	YK-MW-1 (4-5) Dup	T	Solid	8082	580-82185
580-24912-4RE	YK-MW-2 (0-1)	T	Solid	8082	580-82185
580-24912-4MSRE	Matrix Spike	T	Solid	8082	580-82185
580-24912-4MSDRE	Matrix Spike Duplicate	T	Solid	8082	580-82185
580-24912-5RE	YK-MW-2 (4-5)	T	Solid	8082	580-82185
580-24912-6RE	YK-MW-3 (0-1)	T	Solid	8082	580-82185
580-24912-7RE	YK-MW-31 (0-1)	T	Solid	8082	580-82185
580-24912-8RE	YK-MW-3 (4-5)	T	Solid	8082	580-82185
580-24912-9RE	YK-MW-4 (0-1)	T	Solid	8082	580-82185
580-24912-10RE	YK-MW-4 (4-5)	T	Solid	8082	580-82185
580-24912-11RE	YK-SB5 (0-1)	T	Solid	8082	580-82185
580-24912-12RE	YK-SB05 (5-6)	T	Solid	8082	580-82185
580-24912-13RE	YK-SB09 (0-1)	T	Solid	8082	580-82185
580-24912-14RE	YK-SB09 D(0-1)	T	Solid	8082	580-82185
580-24912-15RE	YK-SB09 (4-5)	T	Solid	8082	580-82185
Prep Batch: 580-82185					
LCS 580-82185/17-A	Lab Control Sample	T	Solid	3550B	
MB 580-82185/16-A	Method Blank	T	Solid	3550B	
580-24912-1RE	YK-MW-1 (0-1)	T	Solid	3550B	
580-24912-2RE	YK-MW-1 (4-5)	T	Solid	3550B	
580-24912-3RE	YK-MW-1 (4-5) Dup	T	Solid	3550B	
580-24912-4RE	YK-MW-2 (0-1)	T	Solid	3550B	
580-24912-4MSRE	Matrix Spike	T	Solid	3550B	
580-24912-4MSDRE	Matrix Spike Duplicate	T	Solid	3550B	
580-24912-5RE	YK-MW-2 (4-5)	T	Solid	3550B	
580-24912-6RE	YK-MW-3 (0-1)	T	Solid	3550B	
580-24912-7RE	YK-MW-31 (0-1)	T	Solid	3550B	
580-24912-8RE	YK-MW-3 (4-5)	T	Solid	3550B	
580-24912-9RE	YK-MW-4 (0-1)	T	Solid	3550B	
580-24912-10RE	YK-MW-4 (4-5)	T	Solid	3550B	
580-24912-11RE	YK-SB5 (0-1)	T	Solid	3550B	
580-24912-12RE	YK-SB05 (5-6)	T	Solid	3550B	
580-24912-13RE	YK-SB09 (0-1)	T	Solid	3550B	
580-24912-14RE	YK-SB09 D(0-1)	T	Solid	3550B	
580-24912-15RE	YK-SB09 (4-5)	T	Solid	3550B	

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-82127					
LCS 580-82127/20-A	Lab Control Sample	T	Solid	3050B	
LCSD 580-82127/21-A	Lab Control Sample Duplicate	T	Solid	3050B	
LCSSRM 580-82127/22-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 580-82127/19-A	Method Blank	T	Solid	3050B	
580-24912-1	YK-MW-1 (0-1)	T	Solid	3050B	
580-24912-1DU	Duplicate	T	Solid	3050B	
580-24912-1MS	Matrix Spike	T	Solid	3050B	
580-24912-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
580-24912-2	YK-MW-1 (4-5)	T	Solid	3050B	
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	3050B	
580-24912-4	YK-MW-2 (0-1)	T	Solid	3050B	
580-24912-5	YK-MW-2 (4-5)	T	Solid	3050B	
580-24912-6	YK-MW-3 (0-1)	T	Solid	3050B	
580-24912-7	YK-MW-31 (0-1)	T	Solid	3050B	
580-24912-8	YK-MW-3 (4-5)	T	Solid	3050B	
580-24912-9	YK-MW-4 (0-1)	T	Solid	3050B	
580-24912-10	YK-MW-4 (4-5)	T	Solid	3050B	
580-24912-11	YK-SB5 (0-1)	T	Solid	3050B	
580-24912-12	YK-SB05 (5-6)	T	Solid	3050B	
580-24912-13	YK-SB09 (0-1)	T	Solid	3050B	
580-24912-14	YK-SB09 D(0-1)	T	Solid	3050B	
580-24912-15	YK-SB09 (4-5)	T	Solid	3050B	

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-82132					
LCS 580-82132/20-A	Lab Control Sample	T	Solid	7471A	
LCSD 580-82132/21-A	Lab Control Sample Duplicate	T	Solid	7471A	
LCSSRM 580-82132/22-A	LCS-Certified Reference Material	T	Solid	7471A	
MB 580-82132/19-A	Method Blank	T	Solid	7471A	
580-24912-1	YK-MW-1 (0-1)	T	Solid	7471A	
580-24912-1DU	Duplicate	T	Solid	7471A	
580-24912-1MS	Matrix Spike	T	Solid	7471A	
580-24912-1MSD	Matrix Spike Duplicate	T	Solid	7471A	
580-24912-2	YK-MW-1 (4-5)	T	Solid	7471A	
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	7471A	
580-24912-4	YK-MW-2 (0-1)	T	Solid	7471A	
580-24912-5	YK-MW-2 (4-5)	T	Solid	7471A	
580-24912-6	YK-MW-3 (0-1)	T	Solid	7471A	
580-24912-7	YK-MW-31 (0-1)	T	Solid	7471A	
580-24912-8	YK-MW-3 (4-5)	T	Solid	7471A	
580-24912-9	YK-MW-4 (0-1)	T	Solid	7471A	
580-24912-10	YK-MW-4 (4-5)	T	Solid	7471A	
580-24912-11	YK-SB5 (0-1)	T	Solid	7471A	
580-24912-12	YK-SB05 (5-6)	T	Solid	7471A	
580-24912-13	YK-SB09 (0-1)	T	Solid	7471A	
580-24912-14	YK-SB09 D(0-1)	T	Solid	7471A	
580-24912-15	YK-SB09 (4-5)	T	Solid	7471A	

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-82234					
LCS 580-82127/20-A	Lab Control Sample	T	Solid	6020	580-82127
LCSD 580-82127/21-A	Lab Control Sample Duplicate	T	Solid	6020	580-82127
LCSSRM 580-82127/22-A	LCS-Certified Reference Material	T	Solid	6020	580-82127
MB 580-82127/19-A	Method Blank	T	Solid	6020	580-82127
580-24912-1	YK-MW-1 (0-1)	T	Solid	6020	580-82127
580-24912-1DU	Duplicate	T	Solid	6020	580-82127
580-24912-1MS	Matrix Spike	T	Solid	6020	580-82127
580-24912-1MSD	Matrix Spike Duplicate	T	Solid	6020	580-82127
580-24912-2	YK-MW-1 (4-5)	T	Solid	6020	580-82127
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	6020	580-82127
580-24912-4	YK-MW-2 (0-1)	T	Solid	6020	580-82127
580-24912-5	YK-MW-2 (4-5)	T	Solid	6020	580-82127
580-24912-6	YK-MW-3 (0-1)	T	Solid	6020	580-82127
580-24912-7	YK-MW-31 (0-1)	T	Solid	6020	580-82127
580-24912-8	YK-MW-3 (4-5)	T	Solid	6020	580-82127
580-24912-9	YK-MW-4 (0-1)	T	Solid	6020	580-82127
580-24912-10	YK-MW-4 (4-5)	T	Solid	6020	580-82127
580-24912-11	YK-SB5 (0-1)	T	Solid	6020	580-82127
580-24912-12	YK-SB05 (5-6)	T	Solid	6020	580-82127
580-24912-13	YK-SB09 (0-1)	T	Solid	6020	580-82127
580-24912-14	YK-SB09 D(0-1)	T	Solid	6020	580-82127
580-24912-15	YK-SB09 (4-5)	T	Solid	6020	580-82127

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-82235					
LCS 580-82132/20-A	Lab Control Sample	T	Solid	7471A	580-82132
LCSD 580-82132/21-A	Lab Control Sample Duplicate	T	Solid	7471A	580-82132
LCSSRM 580-82132/22-A	LCS-Certified Reference Material	T	Solid	7471A	580-82132
MB 580-82132/19-A	Method Blank	T	Solid	7471A	580-82132
580-24912-1	YK-MW-1 (0-1)	T	Solid	7471A	580-82132
580-24912-1DU	Duplicate	T	Solid	7471A	580-82132
580-24912-1MS	Matrix Spike	T	Solid	7471A	580-82132
580-24912-1MSD	Matrix Spike Duplicate	T	Solid	7471A	580-82132
580-24912-2	YK-MW-1 (4-5)	T	Solid	7471A	580-82132
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	7471A	580-82132
580-24912-4	YK-MW-2 (0-1)	T	Solid	7471A	580-82132
580-24912-5	YK-MW-2 (4-5)	T	Solid	7471A	580-82132
580-24912-6	YK-MW-3 (0-1)	T	Solid	7471A	580-82132
580-24912-7	YK-MW-31 (0-1)	T	Solid	7471A	580-82132
580-24912-8	YK-MW-3 (4-5)	T	Solid	7471A	580-82132
580-24912-9	YK-MW-4 (0-1)	T	Solid	7471A	580-82132
580-24912-10	YK-MW-4 (4-5)	T	Solid	7471A	580-82132
580-24912-11	YK-SB5 (0-1)	T	Solid	7471A	580-82132
580-24912-12	YK-SB05 (5-6)	T	Solid	7471A	580-82132
580-24912-13	YK-SB09 (0-1)	T	Solid	7471A	580-82132
580-24912-14	YK-SB09 D(0-1)	T	Solid	7471A	580-82132
580-24912-15	YK-SB09 (4-5)	T	Solid	7471A	580-82132

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24912-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:580-82125					
580-24912-1	YK-MW-1 (0-1)	T	Solid	Moisture	
580-24912-1DU	Duplicate	T	Solid	Moisture	
580-24912-2	YK-MW-1 (4-5)	T	Solid	Moisture	
580-24912-3	YK-MW-1 (4-5) Dup	T	Solid	Moisture	
580-24912-4	YK-MW-2 (0-1)	T	Solid	Moisture	
580-24912-5	YK-MW-2 (4-5)	T	Solid	Moisture	
580-24912-6	YK-MW-3 (0-1)	T	Solid	Moisture	
580-24912-7	YK-MW-31 (0-1)	T	Solid	Moisture	
580-24912-8	YK-MW-3 (4-5)	T	Solid	Moisture	
580-24912-9	YK-MW-4 (0-1)	T	Solid	Moisture	
580-24912-10	YK-MW-4 (4-5)	T	Solid	Moisture	
580-24912-11	YK-SB5 (0-1)	T	Solid	Moisture	
580-24912-12	YK-SB05 (5-6)	T	Solid	Moisture	
580-24912-13	YK-SB09 (0-1)	T	Solid	Moisture	
580-24912-14	YK-SB09 D(0-1)	T	Solid	Moisture	
580-24912-15	YK-SB09 (4-5)	T	Solid	Moisture	

Report Basis
T = Total

Client: MWH Americas Inc Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-1 **Client ID: YK-MW-1 (0-1)**

Sample Date/Time: 03/10/2011 11:00 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-1-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-1-A		580-82138	580-82103	03/11/2011 16:45	1	TAL SEA	TR
P:3550B	580-24912-A-1-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-1-B		580-82179	580-82124	03/13/2011 15:23	1	TAL SEA	CM
P:3550B	580-24912-A-1-K	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-1-K	RE	580-82183	580-82185	03/14/2011 04:06	1	TAL SEA	MAM
P:3050B	580-24912-A-1-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-1-C		580-82234	580-82127	03/14/2011 07:07	10	TAL SEA	FCW
P:7471A	580-24912-A-1-G		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-1-G		580-82235	580-82132	03/14/2011 08:52	1	TAL SEA	FCW
A:Moisture	580-24912-A-1		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-1 MS **Client ID: YK-MW-1 (0-1)**

Sample Date/Time: 03/10/2011 11:00 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	580-24912-A-1-E MS		580-82234	580-82127	03/11/2011 13:14	50	TAL SEA	PAB
A:6020	580-24912-A-1-E MS		580-82234	580-82127	03/14/2011 07:17	50	TAL SEA	FCW
P:7471A	580-24912-A-1-I MS		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-1-I MS		580-82235	580-82132	03/14/2011 08:57	1	TAL SEA	FCW

Lab ID: 580-24912-1 MSD **Client ID: YK-MW-1 (0-1)**

Sample Date/Time: 03/10/2011 11:00 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	580-24912-A-1-F MSD		580-82234	580-82127	03/11/2011 13:14	50	TAL SEA	PAB
A:6020	580-24912-A-1-F MSD		580-82234	580-82127	03/14/2011 07:22	50	TAL SEA	FCW
P:7471A	580-24912-A-1-J MSD		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-1-J MSD		580-82235	580-82132	03/14/2011 09:00	1	TAL SEA	FCW

Client: MWH Americas Inc Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-1 DU **Client ID: YK-MW-1 (0-1)**

Sample Date/Time: 03/10/2011 11:00 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	580-24912-A-1-D DU		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-1-D DU		580-82234	580-82127	03/14/2011 07:12	10	TAL SEA	FCW
P:7471A	580-24912-A-1-H DU		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-1-H DU		580-82235	580-82132	03/14/2011 08:55	1	TAL SEA	FCW
A:Moisture	580-24912-A-1 DU		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-1 SD **Client ID: YK-MW-1 (0-1)**

Sample Date/Time: 03/10/2011 11:00 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	580-24912-A-1-C SD		580-82234	580-82127	03/11/2011 13:14	50	TAL SEA	PAB
A:6020	580-24912-A-1-C SD		580-82234	580-82127	03/14/2011 07:01	50	TAL SEA	FCW
P:3050B	580-24912-A-1-C PDS		580-82234	580-82127	03/11/2011 13:14	50	TAL SEA	PAB
A:6020	580-24912-A-1-C PDS		580-82234	580-82127	03/14/2011 07:27	50	TAL SEA	FCW

Lab ID: 580-24912-2 **Client ID: YK-MW-1 (4-5)**

Sample Date/Time: 03/10/2011 11:05 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-2-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-2-A		580-82138	580-82103	03/11/2011 17:09	1	TAL SEA	TR
P:3550B	580-24912-A-2-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-2-B		580-82179	580-82124	03/13/2011 15:44	1	TAL SEA	CM
P:3550B	580-24912-A-2-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-2-E	RE	580-82183	580-82185	03/14/2011 04:20	1	TAL SEA	MAM
P:3050B	580-24912-A-2-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-2-C		580-82234	580-82127	03/14/2011 07:58	10	TAL SEA	FCW
P:7471A	580-24912-A-2-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-2-D		580-82235	580-82132	03/14/2011 09:03	1	TAL SEA	FCW
A:Moisture	580-24912-A-2		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Client: MWH Americas Inc Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-3 **Client ID: YK-MW-1 (4-5) Dup**

Sample Date/Time: 03/10/2011 11:05 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-3-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-3-A		580-82138	580-82103	03/11/2011 17:33	1	TAL SEA	TR
P:3550B	580-24912-A-3-D		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-3-D		580-82179	580-82124	03/13/2011 16:05	1	TAL SEA	CM
P:3550B	580-24912-A-3-G	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-3-G	RE	580-82183	580-82185	03/14/2011 04:34	1	TAL SEA	MAM
P:3050B	580-24912-A-3-E		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-3-E		580-82234	580-82127	03/14/2011 08:03	10	TAL SEA	FCW
P:7471A	580-24912-A-3-F		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-3-F		580-82235	580-82132	03/14/2011 09:05	1	TAL SEA	FCW
A:Moisture	580-24912-A-3		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-4 **Client ID: YK-MW-2 (0-1)**

Sample Date/Time: 03/10/2011 12:15 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-4-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-4-A		580-82138	580-82103	03/11/2011 17:58	1	TAL SEA	TR
P:3550B	580-24912-A-4-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-4-B		580-82179	580-82124	03/13/2011 16:27	1	TAL SEA	CM
P:3550B	580-24912-A-4-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-4-E	RE	580-82183	580-82185	03/14/2011 04:48	1	TAL SEA	MAM
P:3050B	580-24912-A-4-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-4-C		580-82234	580-82127	03/14/2011 08:08	10	TAL SEA	FCW
P:7471A	580-24912-A-4-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-4-D		580-82235	580-82132	03/14/2011 09:13	1	TAL SEA	FCW
A:Moisture	580-24912-A-4		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-4 MS **Client ID: YK-MW-2 (0-1)**

Sample Date/Time: 03/10/2011 12:15 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24912-A-4-F MS	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-4-F MS	RE	580-82183	580-82185	03/14/2011 05:02	1	TAL SEA	MAM

Client: MWH Americas Inc Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-4 MSD **Client ID:** YK-MW-2 (0-1)

Sample Date/Time: 03/10/2011 12:15 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24912-A-4-G MSD	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-4-G MSD	RE	580-82183	580-82185	03/14/2011 05:16	1	TAL SEA	MAM

Lab ID: 580-24912-5 **Client ID:** YK-MW-2 (4-5)

Sample Date/Time: 03/10/2011 12:25 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-5-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-5-A		580-82138	580-82103	03/11/2011 18:22	1	TAL SEA	TR
P:3550B	580-24912-A-5-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-5-B		580-82179	580-82124	03/13/2011 16:48	1	TAL SEA	CM
P:3550B	580-24912-A-5-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-5-E	RE	580-82183	580-82185	03/14/2011 05:31	1	TAL SEA	MAM
P:3050B	580-24912-A-5-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-5-C		580-82234	580-82127	03/14/2011 08:13	10	TAL SEA	FCW
P:7471A	580-24912-A-5-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-5-D		580-82235	580-82132	03/14/2011 09:16	1	TAL SEA	FCW
A:Moisture	580-24912-A-5		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-6 **Client ID:** YK-MW-3 (0-1)

Sample Date/Time: 03/10/2011 12:50 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-6-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-6-A		580-82138	580-82103	03/11/2011 18:46	1	TAL SEA	TR
P:3550B	580-24912-A-6-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-6-B		580-82179	580-82124	03/13/2011 17:09	1	TAL SEA	CM
P:3550B	580-24912-A-6-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-6-E	RE	580-82183	580-82185	03/14/2011 05:45	1	TAL SEA	MAM
P:3050B	580-24912-A-6-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-6-C		580-82234	580-82127	03/14/2011 08:19	10	TAL SEA	FCW
P:7471A	580-24912-A-6-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-6-D		580-82235	580-82132	03/14/2011 09:18	1	TAL SEA	FCW
A:Moisture	580-24912-A-6		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Client: MWH Americas Inc Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-7 **Client ID: YK-MW-31 (0-1)**

Sample Date/Time: 03/10/2011 12:50 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-7-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-7-A		580-82138	580-82103	03/11/2011 19:10	1	TAL SEA	TR
P:3550B	580-24912-A-7-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-7-B		580-82179	580-82124	03/13/2011 17:30	1	TAL SEA	CM
P:3550B	580-24912-A-7-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-7-E	RE	580-82183	580-82185	03/14/2011 06:27	1	TAL SEA	MAM
P:3050B	580-24912-A-7-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-7-C		580-82234	580-82127	03/14/2011 08:24	10	TAL SEA	FCW
P:7471A	580-24912-A-7-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-7-D		580-82235	580-82132	03/14/2011 09:21	1	TAL SEA	FCW
A:Moisture	580-24912-A-7		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-8 **Client ID: YK-MW-3 (4-5)**

Sample Date/Time: 03/10/2011 13:10 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-8-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-8-A		580-82138	580-82103	03/11/2011 19:34	1	TAL SEA	TR
P:3550B	580-24912-A-8-B		580-82189	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-8-B		580-82189	580-82124	03/14/2011 08:24	1	TAL SEA	AP
P:3550B	580-24912-A-8-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-8-E	RE	580-82183	580-82185	03/14/2011 06:41	1	TAL SEA	MAM
P:3050B	580-24912-A-8-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-8-C		580-82234	580-82127	03/14/2011 08:29	10	TAL SEA	FCW
P:7471A	580-24912-A-8-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-8-D		580-82235	580-82132	03/14/2011 09:23	1	TAL SEA	FCW
A:Moisture	580-24912-A-8		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Client: MWH Americas Inc

Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-9 **Client ID:** YK-MW-4 (0-1)

Sample Date/Time: 03/10/2011 14:15 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-9-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-9-A		580-82138	580-82103	03/11/2011 19:58	1	TAL SEA	TR
P:3550B	580-24912-A-9-B		580-82189	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-9-B		580-82189	580-82124	03/14/2011 08:45	1	TAL SEA	AP
P:3550B	580-24912-A-9-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-9-E	RE	580-82183	580-82185	03/14/2011 06:55	1	TAL SEA	MAM
P:3050B	580-24912-A-9-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-9-C		580-82234	580-82127	03/14/2011 08:34	10	TAL SEA	FCW
P:7471A	580-24912-A-9-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-9-D		580-82235	580-82132	03/14/2011 09:26	1	TAL SEA	FCW
A:Moisture	580-24912-A-9		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-10 **Client ID:** YK-MW-4 (4-5)

Sample Date/Time: 03/10/2011 14:30 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-10-A		580-82138	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-10-A		580-82138	580-82103	03/11/2011 20:23	1	TAL SEA	TR
P:3550B	580-24912-A-10-B		580-82189	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-10-B		580-82189	580-82124	03/14/2011 09:06	1	TAL SEA	AP
P:3550B	580-24912-A-10-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-10-E	RE	580-82183	580-82185	03/14/2011 07:10	1	TAL SEA	MAM
P:3050B	580-24912-A-10-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-10-C		580-82234	580-82127	03/14/2011 08:39	10	TAL SEA	FCW
P:7471A	580-24912-A-10-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-10-D		580-82235	580-82132	03/14/2011 09:28	1	TAL SEA	FCW
A:Moisture	580-24912-A-10		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Client: MWH Americas Inc

Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-11 **Client ID:** YK-SB5 (0-1)

Sample Date/Time: 03/10/2011 13:40 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-11-A	RA	580-82177	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-11-A	RA	580-82177	580-82103	03/13/2011 20:36	1	TAL SEA	TR
P:3550B	580-24912-A-11-B		580-82189	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-11-B		580-82189	580-82124	03/14/2011 09:28	1	TAL SEA	AP
P:3550B	580-24912-A-11-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-11-E	RE	580-82183	580-82185	03/14/2011 07:24	1	TAL SEA	MAM
P:3050B	580-24912-A-11-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-11-C		580-82234	580-82127	03/14/2011 08:44	10	TAL SEA	FCW
P:7471A	580-24912-A-11-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-11-D		580-82235	580-82132	03/14/2011 09:31	1	TAL SEA	FCW
A:Moisture	580-24912-A-11		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-12 **Client ID:** YK-SB05 (5-6)

Sample Date/Time: 03/10/2011 13:50 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-12-A	RA	580-82177	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-12-A	RA	580-82177	580-82103	03/13/2011 20:58	1	TAL SEA	TR
P:3550B	580-24912-A-12-B		580-82189	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-12-B		580-82189	580-82124	03/14/2011 09:49	1	TAL SEA	AP
P:3550B	580-24912-A-12-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-12-E	RE	580-82183	580-82185	03/14/2011 07:38	1	TAL SEA	MAM
P:3050B	580-24912-A-12-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-12-C		580-82234	580-82127	03/14/2011 09:00	10	TAL SEA	FCW
P:7471A	580-24912-A-12-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-12-D		580-82235	580-82132	03/14/2011 09:34	1	TAL SEA	FCW
A:Moisture	580-24912-A-12		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Client: MWH Americas Inc Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-13 **Client ID: YK-SB09 (0-1)**

Sample Date/Time: 03/10/2011 15:10 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-13-A	RA	580-82177	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-13-A	RA	580-82177	580-82103	03/13/2011 21:20	1	TAL SEA	TR
P:3550B	580-24912-A-13-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-13-B		580-82179	580-82124	03/13/2011 12:50	1	TAL SEA	CM
P:3550B	580-24912-A-13-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-13-E	RE	580-82183	580-82185	03/14/2011 07:52	1	TAL SEA	MAM
P:3050B	580-24912-A-13-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-13-C		580-82234	580-82127	03/14/2011 09:05	10	TAL SEA	FCW
P:7471A	580-24912-A-13-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-13-D		580-82235	580-82132	03/14/2011 09:36	1	TAL SEA	FCW
A:Moisture	580-24912-A-13		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-14 **Client ID: YK-SB09 D(0-1)**

Sample Date/Time: 03/10/2011 15:10 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-14-A	RA	580-82177	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-14-A	RA	580-82177	580-82103	03/13/2011 21:43	1	TAL SEA	TR
P:3550B	580-24912-A-14-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-14-B		580-82179	580-82124	03/13/2011 13:59	1	TAL SEA	CM
P:3550B	580-24912-A-14-E	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-14-E	RE	580-82183	580-82185	03/14/2011 08:06	1	TAL SEA	MAM
P:3050B	580-24912-A-14-C		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-14-C		580-82234	580-82127	03/14/2011 09:10	10	TAL SEA	FCW
P:7471A	580-24912-A-14-D		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-14-D		580-82235	580-82132	03/14/2011 09:44	1	TAL SEA	FCW
A:Moisture	580-24912-A-14		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Client: MWH Americas Inc Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: 580-24912-15 **Client ID: YK-SB09 (4-5)**

Sample Date/Time: 03/10/2011 15:20 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24912-D-15-A	RA	580-82177	580-82103	03/11/2011 13:25	1	TAL SEA	TR
A:8260B	580-24912-D-15-A	RA	580-82177	580-82103	03/13/2011 22:05	1	TAL SEA	TR
P:3550B	580-24912-A-15-B		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-15-B		580-82179	580-82124	03/13/2011 14:20	1	TAL SEA	CM
P:3550B	580-24912-A-15-G	RE	580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	580-24912-A-15-G	RE	580-82183	580-82185	03/14/2011 08:20	1	TAL SEA	MAM
P:3050B	580-24912-A-15-E		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	580-24912-A-15-E		580-82234	580-82127	03/14/2011 09:15	10	TAL SEA	FCW
P:7471A	580-24912-A-15-F		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	580-24912-A-15-F		580-82235	580-82132	03/14/2011 09:47	1	TAL SEA	FCW
A:Moisture	580-24912-A-15		580-82125		03/11/2011 12:31	1	TAL SEA	KKW

Lab ID: 580-24912-15 MS **Client ID: YK-SB09 (4-5)**

Sample Date/Time: 03/10/2011 15:20 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24912-A-15-C MS		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-15-C MS		580-82179	580-82124	03/13/2011 14:41	1	TAL SEA	CM

Lab ID: 580-24912-15 MSD **Client ID: YK-SB09 (4-5)**

Sample Date/Time: 03/10/2011 15:20 Received Date/Time: 03/11/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24912-A-15-D MSD		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	580-24912-A-15-D MSD		580-82179	580-82124	03/13/2011 15:02	1	TAL SEA	CM

Client: MWH Americas Inc

Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	MB 580-82103/1-A		580-82138	580-82103	03/11/2011 10:16	1	TAL SEA	TR
A:8260B	MB 580-82103/1-A		580-82138	580-82103	03/11/2011 13:18	1	TAL SEA	TR
P:5035	MB 580-82103/1-A		580-82177	580-82103	03/11/2011 10:16	1	TAL SEA	TR
A:8260B	MB 580-82103/1-A		580-82177	580-82103	03/13/2011 13:13	1	TAL SEA	TR
P:3550B	MB 580-82124/1-A		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	MB 580-82124/1-A		580-82179	580-82124	03/13/2011 13:11	1	TAL SEA	CM
P:3550B	MB 580-82185/16-A		580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	MB 580-82185/16-A		580-82183	580-82185	03/14/2011 03:38	1	TAL SEA	MAM
P:3050B	MB 580-82127/19-A		580-82234	580-82127	03/11/2011 13:14	10	TAL SEA	PAB
A:6020	MB 580-82127/19-A		580-82234	580-82127	03/14/2011 06:56	10	TAL SEA	FCW
P:7471A	MB 580-82132/19-A		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	MB 580-82132/19-A		580-82235	580-82132	03/14/2011 08:42	1	TAL SEA	FCW

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	LCS 580-82103/2-A		580-82138	580-82103	03/11/2011 10:16	1	TAL SEA	TR
A:8260B	LCS 580-82103/2-A		580-82138	580-82103	03/11/2011 13:43	1	TAL SEA	TR
P:3550B	LCS 580-82124/2-A		580-82179	580-82124	03/11/2011 12:29	1	TAL SEA	KKW
A:8270C	LCS 580-82124/2-A		580-82179	580-82124	03/13/2011 13:38	1	TAL SEA	CM
P:3550B	LCS 580-82185/17-A		580-82183	580-82185	03/13/2011 12:30	1	TAL SEA	MAM
A:8082	LCS 580-82185/17-A		580-82183	580-82185	03/14/2011 03:52	1	TAL SEA	MAM
P:3050B	LCS 580-82127/20-A		580-82234	580-82127	03/11/2011 13:14	50	TAL SEA	PAB
A:6020	LCS 580-82127/20-A		580-82234	580-82127	03/14/2011 07:32	50	TAL SEA	FCW
P:7471A	LCS 580-82132/20-A		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	LCS 580-82132/20-A		580-82235	580-82132	03/14/2011 08:44	1	TAL SEA	FCW

Lab ID: LCSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSD 580-82127/21-A		580-82234	580-82127	03/11/2011 13:14	50	TAL SEA	PAB
A:6020	LCSD 580-82127/21-A		580-82234	580-82127	03/14/2011 07:37	50	TAL SEA	FCW
P:7471A	LCSD 580-82132/21-A		580-82235	580-82132	03/11/2011 13:59	1	TAL SEA	PAB
A:7471A	LCSD 580-82132/21-A		580-82235	580-82132	03/14/2011 08:47	1	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-24912-1

Laboratory Chronicle

Lab ID: **LCSSRM** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSSRM 580-82127/22-A		580-82234	580-82127	03/11/2011 13:14	20	TAL SEA	PAB
A:6020	LCSSRM 580-82127/22-A		580-82234	580-82127	03/14/2011 07:43	20	TAL SEA	FCW
P:7471A	LCSSRM 580-82132/22-A		580-82235	580-82132	03/11/2011 13:59	10	TAL SEA	PAB
A:7471A	LCSSRM 580-82132/22-A		580-82235	580-82132	03/14/2011 08:50	10	TAL SEA	FCW

Lab References:

TAL SEA = TestAmerica Seattle

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TFT #	TOL #	EBD10 #	BFB #
	MB 580-82103/1-A	103	106	95	112	102
	MB 580-82103/1-A	105	106	89	123	107
	LCS 580-82103/2-A	105	104	95	125	107

	QC LIMITS
FB = Fluorobenzene (Surr)	75-125
TFT = Trifluorotoluene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TOL #	EBD10 #	BFB #
YK-MW-1 (0-1)	580-24912-1	104	91	120	107
YK-MW-1 (4-5)	580-24912-2	105	93	115	104
YK-MW-1 (4-5) Dup	580-24912-3	101	90	114	100
YK-MW-2 (0-1)	580-24912-4	102	92	112	98
YK-MW-2 (4-5)	580-24912-5	101	90	108	95
YK-MW-3 (0-1)	580-24912-6	104	90	115	103
YK-MW-31 (0-1)	580-24912-7	101	90	111	100
YK-MW-3 (4-5)	580-24912-8	103	89	114	99
YK-MW-4 (0-1)	580-24912-9	104	87	112	97
YK-MW-4 (4-5)	580-24912-10	103	86	111	98
YK-SB5 (0-1) RA	580-24912-11 RA	102	88	136 X	108
YK-SB05 (5-6) RA	580-24912-12 RA	105	88	132 X	105
YK-SB09 (0-1) RA	580-24912-13 RA	103	88	129 X	111
YK-SB09 D(0-1) RA	580-24912-14 RA	105	88	127 X	109
YK-SB09 (4-5) RA	580-24912-15 RA	106	88	124	106

	QC LIMITS
FB = Fluorobenzene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VB00134445.D

Lab ID: LCS 580-82103/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	800	813	102	65-135	
Benzene	800	822	103	75-125	
Trichloroethene	800	834	104	75-125	
Toluene	800	790	99	70-125	
Chlorobenzene	800	991	124	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: VB00134443.D Lab Sample ID: MB 580-82103/1-A

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: TAC043 Date Analyzed: 03/11/2011 13:18

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-82103/2-A	VB00134445.D	03/11/2011 13:43
YK-MW-1 (0-1)	580-24912-1	VB00134453.D	03/11/2011 16:45
YK-MW-1 (4-5)	580-24912-2	VB00134454.D	03/11/2011 17:09
YK-MW-1 (4-5) Dup	580-24912-3	VB00134455.D	03/11/2011 17:33
YK-MW-2 (0-1)	580-24912-4	VB00134456.D	03/11/2011 17:58
YK-MW-2 (4-5)	580-24912-5	VB00134457.D	03/11/2011 18:22
YK-MW-3 (0-1)	580-24912-6	VB00134458.D	03/11/2011 18:46
YK-MW-31 (0-1)	580-24912-7	VB00134459.D	03/11/2011 19:10
YK-MW-3 (4-5)	580-24912-8	VB00134460.D	03/11/2011 19:34
YK-MW-4 (0-1)	580-24912-9	VB00134461.D	03/11/2011 19:58
YK-MW-4 (4-5)	580-24912-10	VB00134462.D	03/11/2011 20:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: VB00134513.D Lab Sample ID: MB 580-82103/1-A

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: TAC043 Date Analyzed: 03/13/2011 13:13

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YK-SB5 (0-1) RA	580-24912-11 RA	VB00134533.D	03/13/2011 20:36
YK-SB05 (5-6) RA	580-24912-12 RA	VB00134534.D	03/13/2011 20:58
YK-SB09 (0-1) RA	580-24912-13 RA	VB00134535.D	03/13/2011 21:20
YK-SB09 D(0-1) RA	580-24912-14 RA	VB00134536.D	03/13/2011 21:43
YK-SB09 (4-5) RA	580-24912-15 RA	VB00134537.D	03/13/2011 22:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: VB00134395.D BFB Injection Date: 03/10/2011

Instrument ID: TAC043 BFB Injection Time: 18:49

Analysis Batch No.: 82074

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	49.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.7	(0.7)1
174	50.0 - 120.00 % of mass 95	95.8	
175	5.0 - 9.0 % of mass 174	6.6	(6.8)1
176	95.0 - 101.0 % of mass 174	93.0	(97.1)1
177	5.0 - 9.0 % of mass 176	6.2	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD02 580-82074/3	VB00134397 .D	03/10/2011	19:13
	STD1 580-82074/4	VB00134399 .D	03/10/2011	19:37
	STD2 580-82074/5	VB00134401 .D	03/10/2011	20:01
	STD5 580-82074/6	VB00134403 .D	03/10/2011	20:25
	STD10 580-82074/7	VB00134405 .D	03/10/2011	20:50
	STD20 580-82074/8	VB00134407 .D	03/10/2011	21:14
	STD50 580-82074/9	VB00134409 .D	03/10/2011	21:38
	STD100 580-82074/10	VB00134411 .D	03/10/2011	22:02
	STD150 580-82074/11	VB00134413 .D	03/10/2011	22:26
	STD200 580-82074/12	VB00134415 .D	03/10/2011	22:50
	ICV 580-82074/15	VB00134421 .D	03/11/2011	00:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: VB00134435.D BFB Injection Date: 03/11/2011

Instrument ID: TAC043 BFB Injection Time: 10:45

Analysis Batch No.: 82138

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.0	
75	30.0 - 60.0 % of mass 95	49.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.7	(0.7)1
174	50.0 - 120.00 % of mass 95	95.6	
175	5.0 - 9.0 % of mass 174	6.3	(6.6)1
176	95.0 - 101.0 % of mass 174	91.5	(95.7)1
177	5.0 - 9.0 % of mass 176	6.6	(7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82138/3	VB00134437 .D	03/11/2011	11:43
	MB 580-82103/1-A	VB00134443 .D	03/11/2011	13:18
	LCS 580-82103/2-A	VB00134445 .D	03/11/2011	13:43
YK-MW-1 (0-1)	580-24912-1	VB00134453 .D	03/11/2011	16:45
YK-MW-1 (4-5)	580-24912-2	VB00134454 .D	03/11/2011	17:09
YK-MW-1 (4-5) Dup	580-24912-3	VB00134455 .D	03/11/2011	17:33
YK-MW-2 (0-1)	580-24912-4	VB00134456 .D	03/11/2011	17:58
YK-MW-2 (4-5)	580-24912-5	VB00134457 .D	03/11/2011	18:22
YK-MW-3 (0-1)	580-24912-6	VB00134458 .D	03/11/2011	18:46
YK-MW-31 (0-1)	580-24912-7	VB00134459 .D	03/11/2011	19:10
YK-MW-3 (4-5)	580-24912-8	VB00134460 .D	03/11/2011	19:34
YK-MW-4 (0-1)	580-24912-9	VB00134461 .D	03/11/2011	19:58
YK-MW-4 (4-5)	580-24912-10	VB00134462 .D	03/11/2011	20:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: VB00134508.D BFB Injection Date: 03/13/2011

Instrument ID: TAC043 BFB Injection Time: 11:22

Analysis Batch No.: 82177

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	1.1	(1.2)1
174	50.0 - 120.00 % of mass 95	94.5	
175	5.0 - 9.0 % of mass 174	6.3	(6.7)1
176	95.0 - 101.0 % of mass 174	91.2	(96.5)1
177	5.0 - 9.0 % of mass 176	6.5	(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82177/2	VB00134509 .D	03/13/2011	11:45
	MB 580-82103/1-A	VB00134513 .D	03/13/2011	13:13
YK-SB5 (0-1) RA	580-24912-11 RA	VB00134533 .D	03/13/2011	20:36
YK-SB05 (5-6) RA	580-24912-12 RA	VB00134534 .D	03/13/2011	20:58
YK-SB09 (0-1) RA	580-24912-13 RA	VB00134535 .D	03/13/2011	21:20
YK-SB09 D(0-1) RA	580-24912-14 RA	VB00134536 .D	03/13/2011	21:43
YK-SB09 (4-5) RA	580-24912-15 RA	VB00134537 .D	03/13/2011	22:05

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: STD50 580-82074/9 Date Analyzed: 03/10/2011 21:38

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): VB00134409.D Heated Purge: (Y/N) N

Calibration ID: 7415

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		998744	2.28	1249483	2.57	253452	4.71
UPPER LIMIT		1997488	2.78	2498966	3.07	506904	5.21
LOWER LIMIT		499372	1.78	624742	2.07	126726	4.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-82074/15		1048966	2.28	1330746	2.57	258923	4.71

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: CCVIS 580-82138/3 Date Analyzed: 03/11/2011 11:43

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): VB00134437.D Heated Purge: (Y/N) N

Calibration ID: 7415

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		974385	2.28	1251181	2.56	249973	4.71
UPPER LIMIT		1948770	2.78	2502362	3.06	499946	5.21
LOWER LIMIT		487193	1.78	625591	2.06	124987	4.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82103/1-A		956691	2.28	1273237	2.57	209722	4.71
LCS 580-82103/2-A		1001650	2.28	1329010	2.57	209848	4.71
580-24912-1	YK-MW-1 (0-1)	970157	2.28	1346021	2.57	199970	4.71
580-24912-2	YK-MW-1 (4-5)	952485	2.28	1305427	2.57	200987	4.71
580-24912-3	YK-MW-1 (4-5) Dup	951986	2.28	1281380	2.57	194521	4.71
580-24912-4	YK-MW-2 (0-1)	912834	2.28	1233038	2.56	195985	4.71
580-24912-5	YK-MW-2 (4-5)	944052	2.28	1263825	2.57	197749	4.71
580-24912-6	YK-MW-3 (0-1)	958500	2.28	1319199	2.57	193665	4.71
580-24912-7	YK-MW-31 (0-1)	919745	2.28	1222910	2.57	189797	4.71
580-24912-8	YK-MW-3 (4-5)	952751	2.28	1294424	2.57	194731	4.71
580-24912-9	YK-MW-4 (0-1)	939002	2.28	1284653	2.57	195464	4.71
580-24912-10	YK-MW-4 (4-5)	955563	2.28	1268859	2.57	187424	4.71

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: CCVIS 580-82177/2 Date Analyzed: 03/13/2011 11:45

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): VB00134509.D Heated Purge: (Y/N) N

Calibration ID: 7415

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		991398	2.28	1338958	2.57	236826	4.71
UPPER LIMIT		1982796	2.78	2677916	3.07	473652	5.21
LOWER LIMIT		495699	1.78	669479	2.07	118413	4.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82103/1-A		956095	2.28	1352679	2.57	186195	4.71
580-24912-11 RA	YK-SB5 (0-1) RA	950222	2.28	1356712	2.56	170700	4.71
580-24912-12 RA	YK-SB05 (5-6) RA	945809	2.28	1389094	2.57	182982	4.71
580-24912-13 RA	YK-SB09 (0-1) RA	953710	2.28	1389554	2.57	186829	4.71
580-24912-14 RA	YK-SB09 D(0-1) RA	956164	2.28	1396068	2.56	188046	4.71
580-24912-15 RA	YK-SB09 (4-5) RA	915240	2.28	1333249	2.57	180797	4.71

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (0-1) | Lab Sample ID: 580-24912-1

Matrix: Solid | Lab File ID: VB00134453.D

Analysis Method: 8260B | Date Collected: 03/10/2011 11:00

Sample wt/vol: 15.68(g) | Date Analyzed: 03/11/2011 16:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 21.7 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		33	8.2
74-87-3	Chloromethane	ND		330	82
75-01-4	Vinyl chloride	ND		6.6	1.6
74-83-9	Bromomethane	ND		110	29
75-00-3	Chloroethane	ND		330	82
75-69-4	Trichlorofluoromethane	ND		33	8.2
75-35-4	1,1-Dichloroethene	ND		16	4.1
75-09-2	Methylene Chloride	ND		33	8.2
156-60-5	trans-1,2-Dichloroethene	ND		33	8.2
75-34-3	1,1-Dichloroethane	ND		33	8.2
594-20-7	2,2-Dichloropropane	ND		33	8.2
156-59-2	cis-1,2-Dichloroethene	ND		33	8.2
74-97-5	Chlorobromomethane	ND		33	9.9
67-66-3	Chloroform	ND		33	8.2
71-55-6	1,1,1-Trichloroethane	ND		33	8.2
56-23-5	Carbon tetrachloride	ND		16	4.1
563-58-6	1,1-Dichloropropene	ND		33	8.2
71-43-2	Benzene	ND		13	3.3
107-06-2	1,2-Dichloroethane	ND		33	8.2
79-01-6	Trichloroethene	ND		13	3.3
78-87-5	1,2-Dichloropropane	ND		9.9	3.2
74-95-3	Dibromomethane	ND		33	8.2
75-27-4	Dichlorobromomethane	ND		33	8.2
10061-01-5	cis-1,3-Dichloropropene	ND		13	3.3
108-88-3	Toluene	130		33	8.2
10061-02-6	trans-1,3-Dichloropropene	ND		13	3.3
79-00-5	1,1,2-Trichloroethane	ND		9.9	2.5
127-18-4	Tetrachloroethene	ND		16	4.1
142-28-9	1,3-Dichloropropane	ND		33	8.2
124-48-1	Chlorodibromomethane	ND		33	8.2
106-93-4	Ethylene Dibromide	ND		33	8.2
108-90-7	Chlorobenzene	ND		33	8.2
100-41-4	Ethylbenzene	ND		33	8.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		33	8.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		8.2	2.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (0-1) | Lab Sample ID: 580-24912-1

Matrix: Solid | Lab File ID: VB00134453.D

Analysis Method: 8260B | Date Collected: 03/10/2011 11:00

Sample wt/vol: 15.68(g) | Date Analyzed: 03/11/2011 16:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 21.7 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		33	8.2
95-47-6	o-Xylene	ND		33	8.2
100-42-5	Styrene	ND		33	8.2
75-25-2	Bromoform	ND		33	9.0
98-82-8	Isopropylbenzene	ND		33	8.2
108-86-1	Bromobenzene	ND		33	8.2
103-65-1	N-Propylbenzene	ND		33	8.2
96-18-4	1,2,3-Trichloropropane	ND		33	9.5
95-49-8	2-Chlorotoluene	ND		33	8.2
108-67-8	1,3,5-Trimethylbenzene	ND		33	8.2
106-43-4	4-Chlorotoluene	ND		33	11
98-06-6	tert-Butylbenzene	ND		33	8.2
95-63-6	1,2,4-Trimethylbenzene	ND		33	8.2
135-98-8	sec-Butylbenzene	ND		33	8.2
541-73-1	1,3-Dichlorobenzene	ND		33	8.2
99-87-6	4-Isopropyltoluene	ND		33	8.2
106-46-7	1,4-Dichlorobenzene	ND		33	8.2
104-51-8	n-Butylbenzene	ND		33	8.2
95-50-1	1,2-Dichlorobenzene	ND		33	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		160	54
120-82-1	1,2,4-Trichlorobenzene	ND		33	8.2
87-61-6	1,2,3-Trichlorobenzene	ND		33	8.2
87-68-3	Hexachlorobutadiene	ND		33	8.2
91-20-3	Naphthalene	ND		33	8.2
1634-04-4	Methyl tert-butyl ether	ND		33	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	91		85-115
25837-05-2	Ethylbenzene-d10	120		75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) | Lab Sample ID: 580-24912-2

Matrix: Solid | Lab File ID: VB00134454.D

Analysis Method: 8260B | Date Collected: 03/10/2011 11:05

Sample wt/vol: 14.89(g) | Date Analyzed: 03/11/2011 17:09

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 28.4 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		38	9.5
74-87-3	Chloromethane	ND		380	95
75-01-4	Vinyl chloride	ND		7.6	1.9
74-83-9	Bromomethane	ND		130	33
75-00-3	Chloroethane	ND		380	95
75-69-4	Trichlorofluoromethane	ND		38	9.5
75-35-4	1,1-Dichloroethene	ND		19	4.7
75-09-2	Methylene Chloride	ND		38	9.5
156-60-5	trans-1,2-Dichloroethene	ND		38	9.5
75-34-3	1,1-Dichloroethane	ND		38	9.5
594-20-7	2,2-Dichloropropane	ND		38	9.5
156-59-2	cis-1,2-Dichloroethene	ND		38	9.5
74-97-5	Chlorobromomethane	ND		38	11
67-66-3	Chloroform	ND		38	9.5
71-55-6	1,1,1-Trichloroethane	ND		38	9.5
56-23-5	Carbon tetrachloride	ND		19	4.7
563-58-6	1,1-Dichloropropene	ND		38	9.5
71-43-2	Benzene	ND		15	3.8
107-06-2	1,2-Dichloroethane	ND		38	9.5
79-01-6	Trichloroethene	ND		15	3.8
78-87-5	1,2-Dichloropropane	ND		11	3.7
74-95-3	Dibromomethane	ND		38	9.5
75-27-4	Dichlorobromomethane	ND		38	9.5
10061-01-5	cis-1,3-Dichloropropene	ND		15	3.8
108-88-3	Toluene	ND		38	9.5
10061-02-6	trans-1,3-Dichloropropene	ND		15	3.8
79-00-5	1,1,2-Trichloroethane	ND		11	2.8
127-18-4	Tetrachloroethene	ND		19	4.7
142-28-9	1,3-Dichloropropane	ND		38	9.5
124-48-1	Chlorodibromomethane	ND		38	9.5
106-93-4	Ethylene Dibromide	ND		38	9.5
108-90-7	Chlorobenzene	ND		38	9.5
100-41-4	Ethylbenzene	ND		38	9.5
630-20-6	1,1,1,2-Tetrachloroethane	ND		38	9.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		9.5	3.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) | Lab Sample ID: 580-24912-2

Matrix: Solid | Lab File ID: VB00134454.D

Analysis Method: 8260B | Date Collected: 03/10/2011 11:05

Sample wt/vol: 14.89(g) | Date Analyzed: 03/11/2011 17:09

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 28.4 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		38	9.5
95-47-6	o-Xylene	ND		38	9.5
100-42-5	Styrene	ND		38	9.5
75-25-2	Bromoform	ND		38	10
98-82-8	Isopropylbenzene	ND		38	9.5
108-86-1	Bromobenzene	ND		38	9.5
103-65-1	N-Propylbenzene	ND		38	9.5
96-18-4	1,2,3-Trichloropropane	ND		38	11
95-49-8	2-Chlorotoluene	ND		38	9.5
108-67-8	1,3,5-Trimethylbenzene	ND		38	9.5
106-43-4	4-Chlorotoluene	ND		38	12
98-06-6	tert-Butylbenzene	ND		38	9.5
95-63-6	1,2,4-Trimethylbenzene	ND		38	9.5
135-98-8	sec-Butylbenzene	ND		38	9.5
541-73-1	1,3-Dichlorobenzene	ND		38	9.5
99-87-6	4-Isopropyltoluene	ND		38	9.5
106-46-7	1,4-Dichlorobenzene	ND		38	9.5
104-51-8	n-Butylbenzene	ND		38	9.5
95-50-1	1,2-Dichlorobenzene	ND		38	9.5
96-12-8	1,2-Dibromo-3-Chloropropane	ND		190	63
120-82-1	1,2,4-Trichlorobenzene	ND		38	9.5
87-61-6	1,2,3-Trichlorobenzene	ND		38	9.5
87-68-3	Hexachlorobutadiene	ND		38	9.5
91-20-3	Naphthalene	ND		38	9.5
1634-04-4	Methyl tert-butyl ether	ND		38	9.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	93		85-115
25837-05-2	Ethylbenzene-d10	115		75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) Dup | Lab Sample ID: 580-24912-3

Matrix: Solid | Lab File ID: VB00134455.D

Analysis Method: 8260B | Date Collected: 03/10/2011 11:05

Sample wt/vol: 16.71(g) | Date Analyzed: 03/11/2011 17:33

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 28.5 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		34	8.5
74-87-3	Chloromethane	ND		340	85
75-01-4	Vinyl chloride	ND		6.8	1.7
74-83-9	Bromomethane	ND		120	30
75-00-3	Chloroethane	ND		340	85
75-69-4	Trichlorofluoromethane	ND		34	8.5
75-35-4	1,1-Dichloroethene	ND		17	4.2
75-09-2	Methylene Chloride	ND		34	8.5
156-60-5	trans-1,2-Dichloroethene	ND		34	8.5
75-34-3	1,1-Dichloroethane	ND		34	8.5
594-20-7	2,2-Dichloropropane	ND		34	8.5
156-59-2	cis-1,2-Dichloroethene	ND		34	8.5
74-97-5	Chlorobromomethane	ND		34	10
67-66-3	Chloroform	ND		34	8.5
71-55-6	1,1,1-Trichloroethane	ND		34	8.5
56-23-5	Carbon tetrachloride	ND		17	4.2
563-58-6	1,1-Dichloropropene	ND		34	8.5
71-43-2	Benzene	ND		14	3.4
107-06-2	1,2-Dichloroethane	ND		34	8.5
79-01-6	Trichloroethene	ND		14	3.4
78-87-5	1,2-Dichloropropane	ND		10	3.3
74-95-3	Dibromomethane	ND		34	8.5
75-27-4	Dichlorobromomethane	ND		34	8.5
10061-01-5	cis-1,3-Dichloropropene	ND		14	3.4
108-88-3	Toluene	ND		34	8.5
10061-02-6	trans-1,3-Dichloropropene	ND		14	3.4
79-00-5	1,1,2-Trichloroethane	ND		10	2.5
127-18-4	Tetrachloroethene	ND		17	4.2
142-28-9	1,3-Dichloropropane	ND		34	8.5
124-48-1	Chlorodibromomethane	ND		34	8.5
106-93-4	Ethylene Dibromide	ND		34	8.5
108-90-7	Chlorobenzene	ND		34	8.5
100-41-4	Ethylbenzene	ND		34	8.5
630-20-6	1,1,1,2-Tetrachloroethane	ND		34	8.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		8.5	2.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) Dup | Lab Sample ID: 580-24912-3

Matrix: Solid | Lab File ID: VB00134455.D

Analysis Method: 8260B | Date Collected: 03/10/2011 11:05

Sample wt/vol: 16.71(g) | Date Analyzed: 03/11/2011 17:33

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 28.5 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		34	8.5
95-47-6	o-Xylene	ND		34	8.5
100-42-5	Styrene	ND		34	8.5
75-25-2	Bromoform	ND		34	9.3
98-82-8	Isopropylbenzene	ND		34	8.5
108-86-1	Bromobenzene	ND		34	8.5
103-65-1	N-Propylbenzene	ND		34	8.5
96-18-4	1,2,3-Trichloropropane	ND		34	9.8
95-49-8	2-Chlorotoluene	ND		34	8.5
108-67-8	1,3,5-Trimethylbenzene	ND		34	8.5
106-43-4	4-Chlorotoluene	ND		34	11
98-06-6	tert-Butylbenzene	ND		34	8.5
95-63-6	1,2,4-Trimethylbenzene	ND		34	8.5
135-98-8	sec-Butylbenzene	ND		34	8.5
541-73-1	1,3-Dichlorobenzene	ND		34	8.5
99-87-6	4-Isopropyltoluene	ND		34	8.5
106-46-7	1,4-Dichlorobenzene	ND		34	8.5
104-51-8	n-Butylbenzene	ND		34	8.5
95-50-1	1,2-Dichlorobenzene	ND		34	8.5
96-12-8	1,2-Dibromo-3-Chloropropane	ND		170	56
120-82-1	1,2,4-Trichlorobenzene	ND		34	8.5
87-61-6	1,2,3-Trichlorobenzene	ND		34	8.5
87-68-3	Hexachlorobutadiene	ND		34	8.5
91-20-3	Naphthalene	ND		34	8.5
1634-04-4	Methyl tert-butyl ether	ND		34	8.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		75-125
2037-26-5	Toluene-d8 (Surr)	90		85-115
25837-05-2	Ethylbenzene-d10	114		75-125
460-00-4	4-Bromofluorobenzene (Surr)	100		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) | Lab Sample ID: 580-24912-4

Matrix: Solid | Lab File ID: VB00134456.D

Analysis Method: 8260B | Date Collected: 03/10/2011 12:15

Sample wt/vol: 18.81(g) | Date Analyzed: 03/11/2011 17:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.1 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		28	7.1
74-87-3	Chloromethane	ND		280	71
75-01-4	Vinyl chloride	ND		5.7	1.4
74-83-9	Bromomethane	ND		99	25
75-00-3	Chloroethane	ND		280	71
75-69-4	Trichlorofluoromethane	ND		28	7.1
75-35-4	1,1-Dichloroethene	ND		14	3.5
75-09-2	Methylene Chloride	ND		28	7.1
156-60-5	trans-1,2-Dichloroethene	ND		28	7.1
75-34-3	1,1-Dichloroethane	ND		28	7.1
594-20-7	2,2-Dichloropropane	ND		28	7.1
156-59-2	cis-1,2-Dichloroethene	ND		28	7.1
74-97-5	Chlorobromomethane	ND		28	8.5
67-66-3	Chloroform	ND		28	7.1
71-55-6	1,1,1-Trichloroethane	ND		28	7.1
56-23-5	Carbon tetrachloride	ND		14	3.5
563-58-6	1,1-Dichloropropene	ND		28	7.1
71-43-2	Benzene	ND		11	2.8
107-06-2	1,2-Dichloroethane	ND		28	7.1
79-01-6	Trichloroethene	ND		11	2.8
78-87-5	1,2-Dichloropropane	ND		8.5	2.8
74-95-3	Dibromomethane	ND		28	7.1
75-27-4	Dichlorobromomethane	ND		28	7.1
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.8
108-88-3	Toluene	ND		28	7.1
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.8
79-00-5	1,1,2-Trichloroethane	ND		8.5	2.1
127-18-4	Tetrachloroethene	ND		14	3.5
142-28-9	1,3-Dichloropropane	ND		28	7.1
124-48-1	Chlorodibromomethane	ND		28	7.1
106-93-4	Ethylene Dibromide	ND		28	7.1
108-90-7	Chlorobenzene	ND		28	7.1
100-41-4	Ethylbenzene	ND		28	7.1
630-20-6	1,1,1,2-Tetrachloroethane	ND		28	7.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.1	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) | Lab Sample ID: 580-24912-4

Matrix: Solid | Lab File ID: VB00134456.D

Analysis Method: 8260B | Date Collected: 03/10/2011 12:15

Sample wt/vol: 18.81(g) | Date Analyzed: 03/11/2011 17:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.1 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		28	7.1
95-47-6	o-Xylene	ND		28	7.1
100-42-5	Styrene	ND		28	7.1
75-25-2	Bromoform	ND		28	7.8
98-82-8	Isopropylbenzene	ND		28	7.1
108-86-1	Bromobenzene	ND		28	7.1
103-65-1	N-Propylbenzene	ND		28	7.1
96-18-4	1,2,3-Trichloropropane	ND		28	8.2
95-49-8	2-Chlorotoluene	ND		28	7.1
108-67-8	1,3,5-Trimethylbenzene	ND		28	7.1
106-43-4	4-Chlorotoluene	ND		28	9.2
98-06-6	tert-Butylbenzene	ND		28	7.1
95-63-6	1,2,4-Trimethylbenzene	ND		28	7.1
135-98-8	sec-Butylbenzene	ND		28	7.1
541-73-1	1,3-Dichlorobenzene	ND		28	7.1
99-87-6	4-Isopropyltoluene	ND		28	7.1
106-46-7	1,4-Dichlorobenzene	ND		28	7.1
104-51-8	n-Butylbenzene	ND		28	7.1
95-50-1	1,2-Dichlorobenzene	ND		28	7.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	47
120-82-1	1,2,4-Trichlorobenzene	ND		28	7.1
87-61-6	1,2,3-Trichlorobenzene	ND		28	7.1
87-68-3	Hexachlorobutadiene	ND		28	7.1
91-20-3	Naphthalene	ND		28	7.1
1634-04-4	Methyl tert-butyl ether	ND		28	7.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	92		85-115
25837-05-2	Ethylbenzene-d10	112		75-125
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (4-5) | Lab Sample ID: 580-24912-5

Matrix: Solid | Lab File ID: VB00134457.D

Analysis Method: 8260B | Date Collected: 03/10/2011 12:25

Sample wt/vol: 13.57(g) | Date Analyzed: 03/11/2011 18:22

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 30.6 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		43	11
74-87-3	Chloromethane	ND		430	110
75-01-4	Vinyl chloride	ND		8.6	2.1
74-83-9	Bromomethane	ND		150	38
75-00-3	Chloroethane	ND		430	110
75-69-4	Trichlorofluoromethane	ND		43	11
75-35-4	1,1-Dichloroethene	ND		21	5.4
75-09-2	Methylene Chloride	ND		43	11
156-60-5	trans-1,2-Dichloroethene	ND		43	11
75-34-3	1,1-Dichloroethane	ND		43	11
594-20-7	2,2-Dichloropropane	ND		43	11
156-59-2	cis-1,2-Dichloroethene	ND		43	11
74-97-5	Chlorobromomethane	ND		43	13
67-66-3	Chloroform	ND		43	11
71-55-6	1,1,1-Trichloroethane	ND		43	11
56-23-5	Carbon tetrachloride	ND		21	5.4
563-58-6	1,1-Dichloropropene	ND		43	11
71-43-2	Benzene	ND		17	4.3
107-06-2	1,2-Dichloroethane	ND		43	11
79-01-6	Trichloroethene	ND		17	4.3
78-87-5	1,2-Dichloropropane	ND		13	4.2
74-95-3	Dibromomethane	ND		43	11
75-27-4	Dichlorobromomethane	ND		43	11
10061-01-5	cis-1,3-Dichloropropene	ND		17	4.3
108-88-3	Toluene	ND		43	11
10061-02-6	trans-1,3-Dichloropropene	ND		17	4.3
79-00-5	1,1,2-Trichloroethane	ND		13	3.2
127-18-4	Tetrachloroethene	ND		21	5.4
142-28-9	1,3-Dichloropropane	ND		43	11
124-48-1	Chlorodibromomethane	ND		43	11
106-93-4	Ethylene Dibromide	ND		43	11
108-90-7	Chlorobenzene	ND		43	11
100-41-4	Ethylbenzene	ND		43	11
630-20-6	1,1,1,2-Tetrachloroethane	ND		43	11
79-34-5	1,1,2,2-Tetrachloroethane	ND		11	3.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (4-5) | Lab Sample ID: 580-24912-5

Matrix: Solid | Lab File ID: VB00134457.D

Analysis Method: 8260B | Date Collected: 03/10/2011 12:25

Sample wt/vol: 13.57(g) | Date Analyzed: 03/11/2011 18:22

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 30.6 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		43	11
95-47-6	o-Xylene	ND		43	11
100-42-5	Styrene	ND		43	11
75-25-2	Bromoform	ND		43	12
98-82-8	Isopropylbenzene	ND		43	11
108-86-1	Bromobenzene	ND		43	11
103-65-1	N-Propylbenzene	ND		43	11
96-18-4	1,2,3-Trichloropropane	ND		43	12
95-49-8	2-Chlorotoluene	ND		43	11
108-67-8	1,3,5-Trimethylbenzene	ND		43	11
106-43-4	4-Chlorotoluene	ND		43	14
98-06-6	tert-Butylbenzene	ND		43	11
95-63-6	1,2,4-Trimethylbenzene	ND		43	11
135-98-8	sec-Butylbenzene	ND		43	11
541-73-1	1,3-Dichlorobenzene	ND		43	11
99-87-6	4-Isopropyltoluene	ND		43	11
106-46-7	1,4-Dichlorobenzene	ND		43	11
104-51-8	n-Butylbenzene	ND		43	11
95-50-1	1,2-Dichlorobenzene	ND		43	11
96-12-8	1,2-Dibromo-3-Chloropropane	ND		210	71
120-82-1	1,2,4-Trichlorobenzene	ND		43	11
87-61-6	1,2,3-Trichlorobenzene	ND		43	11
87-68-3	Hexachlorobutadiene	ND		43	11
91-20-3	Naphthalene	ND		43	11
1634-04-4	Methyl tert-butyl ether	ND		43	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		75-125
2037-26-5	Toluene-d8 (Surr)	90		85-115
25837-05-2	Ethylbenzene-d10	108		75-125
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (0-1) | Lab Sample ID: 580-24912-6

Matrix: Solid | Lab File ID: VB00134458.D

Analysis Method: 8260B | Date Collected: 03/10/2011 12:50

Sample wt/vol: 16.64(g) | Date Analyzed: 03/11/2011 18:46

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 25.6 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		33	8.2
74-87-3	Chloromethane	ND		330	82
75-01-4	Vinyl chloride	ND		6.5	1.6
74-83-9	Bromomethane	ND		110	29
75-00-3	Chloroethane	ND		330	82
75-69-4	Trichlorofluoromethane	ND		33	8.2
75-35-4	1,1-Dichloroethene	ND		16	4.1
75-09-2	Methylene Chloride	ND		33	8.2
156-60-5	trans-1,2-Dichloroethene	ND		33	8.2
75-34-3	1,1-Dichloroethane	ND		33	8.2
594-20-7	2,2-Dichloropropane	ND		33	8.2
156-59-2	cis-1,2-Dichloroethene	ND		33	8.2
74-97-5	Chlorobromomethane	ND		33	9.8
67-66-3	Chloroform	ND		33	8.2
71-55-6	1,1,1-Trichloroethane	ND		33	8.2
56-23-5	Carbon tetrachloride	ND		16	4.1
563-58-6	1,1-Dichloropropene	ND		33	8.2
71-43-2	Benzene	ND		13	3.3
107-06-2	1,2-Dichloroethane	ND		33	8.2
79-01-6	Trichloroethene	ND		13	3.3
78-87-5	1,2-Dichloropropane	ND		9.8	3.2
74-95-3	Dibromomethane	ND		33	8.2
75-27-4	Dichlorobromomethane	ND		33	8.2
10061-01-5	cis-1,3-Dichloropropene	ND		13	3.3
108-88-3	Toluene	ND		33	8.2
10061-02-6	trans-1,3-Dichloropropene	ND		13	3.3
79-00-5	1,1,2-Trichloroethane	ND		9.8	2.4
127-18-4	Tetrachloroethene	ND		16	4.1
142-28-9	1,3-Dichloropropane	ND		33	8.2
124-48-1	Chlorodibromomethane	ND		33	8.2
106-93-4	Ethylene Dibromide	ND		33	8.2
108-90-7	Chlorobenzene	ND		33	8.2
100-41-4	Ethylbenzene	ND		33	8.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		33	8.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		8.2	2.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (0-1) | Lab Sample ID: 580-24912-6

Matrix: Solid | Lab File ID: VB00134458.D

Analysis Method: 8260B | Date Collected: 03/10/2011 12:50

Sample wt/vol: 16.64(g) | Date Analyzed: 03/11/2011 18:46

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 25.6 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		33	8.2
95-47-6	o-Xylene	ND		33	8.2
100-42-5	Styrene	ND		33	8.2
75-25-2	Bromoform	ND		33	9.0
98-82-8	Isopropylbenzene	ND		33	8.2
108-86-1	Bromobenzene	ND		33	8.2
103-65-1	N-Propylbenzene	ND		33	8.2
96-18-4	1,2,3-Trichloropropane	ND		33	9.5
95-49-8	2-Chlorotoluene	ND		33	8.2
108-67-8	1,3,5-Trimethylbenzene	ND		33	8.2
106-43-4	4-Chlorotoluene	ND		33	11
98-06-6	tert-Butylbenzene	ND		33	8.2
95-63-6	1,2,4-Trimethylbenzene	ND		33	8.2
135-98-8	sec-Butylbenzene	ND		33	8.2
541-73-1	1,3-Dichlorobenzene	ND		33	8.2
99-87-6	4-Isopropyltoluene	ND		33	8.2
106-46-7	1,4-Dichlorobenzene	ND		33	8.2
104-51-8	n-Butylbenzene	ND		33	8.2
95-50-1	1,2-Dichlorobenzene	ND		33	8.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		160	54
120-82-1	1,2,4-Trichlorobenzene	ND		33	8.2
87-61-6	1,2,3-Trichlorobenzene	ND		33	8.2
87-68-3	Hexachlorobutadiene	ND		33	8.2
91-20-3	Naphthalene	ND		33	8.2
1634-04-4	Methyl tert-butyl ether	ND		33	8.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	90		85-115
25837-05-2	Ethylbenzene-d10	115		75-125
460-00-4	4-Bromofluorobenzene (Surr)	103		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-31 (0-1) | Lab Sample ID: 580-24912-7

Matrix: Solid | Lab File ID: VB00134459.D

Analysis Method: 8260B | Date Collected: 03/10/2011 12:50

Sample wt/vol: 16.95(g) | Date Analyzed: 03/11/2011 19:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.7 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		31	7.7
74-87-3	Chloromethane	ND		310	77
75-01-4	Vinyl chloride	ND		6.2	1.5
74-83-9	Bromomethane	ND		110	27
75-00-3	Chloroethane	ND		310	77
75-69-4	Trichlorofluoromethane	ND		31	7.7
75-35-4	1,1-Dichloroethene	ND		15	3.9
75-09-2	Methylene Chloride	ND		31	7.7
156-60-5	trans-1,2-Dichloroethene	ND		31	7.7
75-34-3	1,1-Dichloroethane	ND		31	7.7
594-20-7	2,2-Dichloropropane	ND		31	7.7
156-59-2	cis-1,2-Dichloroethene	ND		31	7.7
74-97-5	Chlorobromomethane	ND		31	9.2
67-66-3	Chloroform	ND		31	7.7
71-55-6	1,1,1-Trichloroethane	ND		31	7.7
56-23-5	Carbon tetrachloride	ND		15	3.9
563-58-6	1,1-Dichloropropene	ND		31	7.7
71-43-2	Benzene	ND		12	3.1
107-06-2	1,2-Dichloroethane	ND		31	7.7
79-01-6	Trichloroethene	ND		12	3.1
78-87-5	1,2-Dichloropropane	ND		9.2	3.0
74-95-3	Dibromomethane	ND		31	7.7
75-27-4	Dichlorobromomethane	ND		31	7.7
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.1
108-88-3	Toluene	ND		31	7.7
10061-02-6	trans-1,3-Dichloropropene	ND		12	3.1
79-00-5	1,1,2-Trichloroethane	ND		9.2	2.3
127-18-4	Tetrachloroethene	ND		15	3.9
142-28-9	1,3-Dichloropropane	ND		31	7.7
124-48-1	Chlorodibromomethane	ND		31	7.7
106-93-4	Ethylene Dibromide	ND		31	7.7
108-90-7	Chlorobenzene	ND		31	7.7
100-41-4	Ethylbenzene	ND		31	7.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		31	7.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.7	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-31 (0-1) | Lab Sample ID: 580-24912-7

Matrix: Solid | Lab File ID: VB00134459.D

Analysis Method: 8260B | Date Collected: 03/10/2011 12:50

Sample wt/vol: 16.95(g) | Date Analyzed: 03/11/2011 19:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.7 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		31	7.7
95-47-6	o-Xylene	ND		31	7.7
100-42-5	Styrene	ND		31	7.7
75-25-2	Bromoform	ND		31	8.5
98-82-8	Isopropylbenzene	ND		31	7.7
108-86-1	Bromobenzene	ND		31	7.7
103-65-1	N-Propylbenzene	ND		31	7.7
96-18-4	1,2,3-Trichloropropane	ND		31	8.9
95-49-8	2-Chlorotoluene	ND		31	7.7
108-67-8	1,3,5-Trimethylbenzene	ND		31	7.7
106-43-4	4-Chlorotoluene	ND		31	10
98-06-6	tert-Butylbenzene	ND		31	7.7
95-63-6	1,2,4-Trimethylbenzene	ND		31	7.7
135-98-8	sec-Butylbenzene	ND		31	7.7
541-73-1	1,3-Dichlorobenzene	ND		31	7.7
99-87-6	4-Isopropyltoluene	ND		31	7.7
106-46-7	1,4-Dichlorobenzene	ND		31	7.7
104-51-8	n-Butylbenzene	ND		31	7.7
95-50-1	1,2-Dichlorobenzene	ND		31	7.7
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	51
120-82-1	1,2,4-Trichlorobenzene	ND		31	7.7
87-61-6	1,2,3-Trichlorobenzene	ND		31	7.7
87-68-3	Hexachlorobutadiene	ND		31	7.7
91-20-3	Naphthalene	ND		31	7.7
1634-04-4	Methyl tert-butyl ether	ND		31	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		75-125
2037-26-5	Toluene-d8 (Surr)	90		85-115
25837-05-2	Ethylbenzene-d10	111		75-125
460-00-4	4-Bromofluorobenzene (Surr)	100		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (4-5) | Lab Sample ID: 580-24912-8

Matrix: Solid | Lab File ID: VB00134460.D

Analysis Method: 8260B | Date Collected: 03/10/2011 13:10

Sample wt/vol: 19.55(g) | Date Analyzed: 03/11/2011 19:34

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 32.1 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		31	7.6
74-87-3	Chloromethane	ND		310	76
75-01-4	Vinyl chloride	ND		6.1	1.5
74-83-9	Bromomethane	ND		110	27
75-00-3	Chloroethane	ND		310	76
75-69-4	Trichlorofluoromethane	ND		31	7.6
75-35-4	1,1-Dichloroethene	ND		15	3.8
75-09-2	Methylene Chloride	ND		31	7.6
156-60-5	trans-1,2-Dichloroethene	ND		31	7.6
75-34-3	1,1-Dichloroethane	ND		31	7.6
594-20-7	2,2-Dichloropropane	ND		31	7.6
156-59-2	cis-1,2-Dichloroethene	ND		31	7.6
74-97-5	Chlorobromomethane	ND		31	9.2
67-66-3	Chloroform	ND		31	7.6
71-55-6	1,1,1-Trichloroethane	ND		31	7.6
56-23-5	Carbon tetrachloride	ND		15	3.8
563-58-6	1,1-Dichloropropene	ND		31	7.6
71-43-2	Benzene	ND		12	3.1
107-06-2	1,2-Dichloroethane	ND		31	7.6
79-01-6	Trichloroethene	ND		12	3.1
78-87-5	1,2-Dichloropropane	ND		9.2	3.0
74-95-3	Dibromomethane	ND		31	7.6
75-27-4	Dichlorobromomethane	ND		31	7.6
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.1
108-88-3	Toluene	ND		31	7.6
10061-02-6	trans-1,3-Dichloropropene	ND		12	3.1
79-00-5	1,1,2-Trichloroethane	ND		9.2	2.3
127-18-4	Tetrachloroethene	ND		15	3.8
142-28-9	1,3-Dichloropropane	ND		31	7.6
124-48-1	Chlorodibromomethane	ND		31	7.6
106-93-4	Ethylene Dibromide	ND		31	7.6
108-90-7	Chlorobenzene	ND		31	7.6
100-41-4	Ethylbenzene	ND		31	7.6
630-20-6	1,1,1,2-Tetrachloroethane	ND		31	7.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.6	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (4-5) | Lab Sample ID: 580-24912-8

Matrix: Solid | Lab File ID: VB00134460.D

Analysis Method: 8260B | Date Collected: 03/10/2011 13:10

Sample wt/vol: 19.55(g) | Date Analyzed: 03/11/2011 19:34

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 32.1 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		31	7.6
95-47-6	o-Xylene	ND		31	7.6
100-42-5	Styrene	ND		31	7.6
75-25-2	Bromoform	ND		31	8.4
98-82-8	Isopropylbenzene	ND		31	7.6
108-86-1	Bromobenzene	ND		31	7.6
103-65-1	N-Propylbenzene	ND		31	7.6
96-18-4	1,2,3-Trichloropropane	ND		31	8.9
95-49-8	2-Chlorotoluene	ND		31	7.6
108-67-8	1,3,5-Trimethylbenzene	ND		31	7.6
106-43-4	4-Chlorotoluene	ND		31	9.9
98-06-6	tert-Butylbenzene	ND		31	7.6
95-63-6	1,2,4-Trimethylbenzene	ND		31	7.6
135-98-8	sec-Butylbenzene	ND		31	7.6
541-73-1	1,3-Dichlorobenzene	ND		31	7.6
99-87-6	4-Isopropyltoluene	ND		31	7.6
106-46-7	1,4-Dichlorobenzene	ND		31	7.6
104-51-8	n-Butylbenzene	ND		31	7.6
95-50-1	1,2-Dichlorobenzene	ND		31	7.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	50
120-82-1	1,2,4-Trichlorobenzene	ND		31	7.6
87-61-6	1,2,3-Trichlorobenzene	ND		31	7.6
87-68-3	Hexachlorobutadiene	ND		31	7.6
91-20-3	Naphthalene	ND		31	7.6
1634-04-4	Methyl tert-butyl ether	ND		31	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	114		75-125
460-00-4	4-Bromofluorobenzene (Surr)	99		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (0-1) | Lab Sample ID: 580-24912-9

Matrix: Solid | Lab File ID: VB00134461.D

Analysis Method: 8260B | Date Collected: 03/10/2011 14:15

Sample wt/vol: 18.75(g) | Date Analyzed: 03/11/2011 19:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.7 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		27	6.7
74-87-3	Chloromethane	ND		270	67
75-01-4	Vinyl chloride	ND		5.4	1.3
74-83-9	Bromomethane	ND		94	23
75-00-3	Chloroethane	ND		270	67
75-69-4	Trichlorofluoromethane	ND		27	6.7
75-35-4	1,1-Dichloroethene	ND		13	3.4
75-09-2	Methylene Chloride	ND		27	6.7
156-60-5	trans-1,2-Dichloroethene	ND		27	6.7
75-34-3	1,1-Dichloroethane	ND		27	6.7
594-20-7	2,2-Dichloropropane	ND		27	6.7
156-59-2	cis-1,2-Dichloroethene	ND		27	6.7
74-97-5	Chlorobromomethane	ND		27	8.0
67-66-3	Chloroform	ND		27	6.7
71-55-6	1,1,1-Trichloroethane	ND		27	6.7
56-23-5	Carbon tetrachloride	ND		13	3.4
563-58-6	1,1-Dichloropropene	ND		27	6.7
71-43-2	Benzene	ND		11	2.7
107-06-2	1,2-Dichloroethane	ND		27	6.7
79-01-6	Trichloroethene	ND		11	2.7
78-87-5	1,2-Dichloropropane	ND		8.0	2.6
74-95-3	Dibromomethane	ND		27	6.7
75-27-4	Dichlorobromomethane	ND		27	6.7
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.7
108-88-3	Toluene	ND		27	6.7
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.7
79-00-5	1,1,2-Trichloroethane	ND		8.0	2.0
127-18-4	Tetrachloroethene	ND		13	3.4
142-28-9	1,3-Dichloropropane	ND		27	6.7
124-48-1	Chlorodibromomethane	ND		27	6.7
106-93-4	Ethylene Dibromide	ND		27	6.7
108-90-7	Chlorobenzene	ND		27	6.7
100-41-4	Ethylbenzene	ND		27	6.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		27	6.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.7	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (0-1) | Lab Sample ID: 580-24912-9

Matrix: Solid | Lab File ID: VB00134461.D

Analysis Method: 8260B | Date Collected: 03/10/2011 14:15

Sample wt/vol: 18.75(g) | Date Analyzed: 03/11/2011 19:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.7 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		27	6.7
95-47-6	o-Xylene	ND		27	6.7
100-42-5	Styrene	ND		27	6.7
75-25-2	Bromoform	ND		27	7.4
98-82-8	Isopropylbenzene	ND		27	6.7
108-86-1	Bromobenzene	ND		27	6.7
103-65-1	N-Propylbenzene	ND		27	6.7
96-18-4	1,2,3-Trichloropropane	ND		27	7.8
95-49-8	2-Chlorotoluene	ND		27	6.7
108-67-8	1,3,5-Trimethylbenzene	ND		27	6.7
106-43-4	4-Chlorotoluene	ND		27	8.7
98-06-6	tert-Butylbenzene	ND		27	6.7
95-63-6	1,2,4-Trimethylbenzene	ND		27	6.7
135-98-8	sec-Butylbenzene	ND		27	6.7
541-73-1	1,3-Dichlorobenzene	ND		27	6.7
99-87-6	4-Isopropyltoluene	ND		27	6.7
106-46-7	1,4-Dichlorobenzene	ND		27	6.7
104-51-8	n-Butylbenzene	ND		27	6.7
95-50-1	1,2-Dichlorobenzene	ND		27	6.7
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	44
120-82-1	1,2,4-Trichlorobenzene	ND		27	6.7
87-61-6	1,2,3-Trichlorobenzene	ND		27	6.7
87-68-3	Hexachlorobutadiene	ND		27	6.7
91-20-3	Naphthalene	ND		27	6.7
1634-04-4	Methyl tert-butyl ether	ND		27	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	112		75-125
460-00-4	4-Bromofluorobenzene (Surr)	97		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (4-5) | Lab Sample ID: 580-24912-10

Matrix: Solid | Lab File ID: VB00134462.D

Analysis Method: 8260B | Date Collected: 03/10/2011 14:30

Sample wt/vol: 19.22(g) | Date Analyzed: 03/11/2011 20:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 29.0 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		30	7.4
74-87-3	Chloromethane	ND		300	74
75-01-4	Vinyl chloride	ND		5.9	1.5
74-83-9	Bromomethane	ND		100	26
75-00-3	Chloroethane	ND		300	74
75-69-4	Trichlorofluoromethane	ND		30	7.4
75-35-4	1,1-Dichloroethene	ND		15	3.7
75-09-2	Methylene Chloride	ND		30	7.4
156-60-5	trans-1,2-Dichloroethene	ND		30	7.4
75-34-3	1,1-Dichloroethane	ND		30	7.4
594-20-7	2,2-Dichloropropane	ND		30	7.4
156-59-2	cis-1,2-Dichloroethene	ND		30	7.4
74-97-5	Chlorobromomethane	ND		30	8.9
67-66-3	Chloroform	ND		30	7.4
71-55-6	1,1,1-Trichloroethane	ND		30	7.4
56-23-5	Carbon tetrachloride	ND		15	3.7
563-58-6	1,1-Dichloropropene	ND		30	7.4
71-43-2	Benzene	ND		12	3.0
107-06-2	1,2-Dichloroethane	ND		30	7.4
79-01-6	Trichloroethene	ND		12	3.0
78-87-5	1,2-Dichloropropane	ND		8.9	2.9
74-95-3	Dibromomethane	ND		30	7.4
75-27-4	Dichlorobromomethane	ND		30	7.4
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.0
108-88-3	Toluene	ND		30	7.4
10061-02-6	trans-1,3-Dichloropropene	ND		12	3.0
79-00-5	1,1,2-Trichloroethane	ND		8.9	2.2
127-18-4	Tetrachloroethene	ND		15	3.7
142-28-9	1,3-Dichloropropane	ND		30	7.4
124-48-1	Chlorodibromomethane	ND		30	7.4
106-93-4	Ethylene Dibromide	ND		30	7.4
108-90-7	Chlorobenzene	ND		30	7.4
100-41-4	Ethylbenzene	ND		30	7.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		30	7.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.4	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (4-5) | Lab Sample ID: 580-24912-10

Matrix: Solid | Lab File ID: VB00134462.D

Analysis Method: 8260B | Date Collected: 03/10/2011 14:30

Sample wt/vol: 19.22(g) | Date Analyzed: 03/11/2011 20:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 29.0 | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		30	7.4
95-47-6	o-Xylene	ND		30	7.4
100-42-5	Styrene	ND		30	7.4
75-25-2	Bromoform	ND		30	8.2
98-82-8	Isopropylbenzene	ND		30	7.4
108-86-1	Bromobenzene	ND		30	7.4
103-65-1	N-Propylbenzene	ND		30	7.4
96-18-4	1,2,3-Trichloropropane	ND		30	8.6
95-49-8	2-Chlorotoluene	ND		30	7.4
108-67-8	1,3,5-Trimethylbenzene	ND		30	7.4
106-43-4	4-Chlorotoluene	ND		30	9.7
98-06-6	tert-Butylbenzene	ND		30	7.4
95-63-6	1,2,4-Trimethylbenzene	ND		30	7.4
135-98-8	sec-Butylbenzene	ND		30	7.4
541-73-1	1,3-Dichlorobenzene	ND		30	7.4
99-87-6	4-Isopropyltoluene	ND		30	7.4
106-46-7	1,4-Dichlorobenzene	ND		30	7.4
104-51-8	n-Butylbenzene	ND		30	7.4
95-50-1	1,2-Dichlorobenzene	ND		30	7.4
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	49
120-82-1	1,2,4-Trichlorobenzene	ND		30	7.4
87-61-6	1,2,3-Trichlorobenzene	ND		30	7.4
87-68-3	Hexachlorobutadiene	ND		30	7.4
91-20-3	Naphthalene	ND		30	7.4
1634-04-4	Methyl tert-butyl ether	ND		30	7.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	86		85-115
25837-05-2	Ethylbenzene-d10	111		75-125
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB5 (0-1) RA | Lab Sample ID: 580-24912-11 RA

Matrix: Solid | Lab File ID: VB00134533.D

Analysis Method: 8260B | Date Collected: 03/10/2011 13:40

Sample wt/vol: 21.01(g) | Date Analyzed: 03/13/2011 20:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.1 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		25	6.2
74-87-3	Chloromethane	ND		250	62
75-01-4	Vinyl chloride	ND		4.9	1.2
74-83-9	Bromomethane	ND		87	22
75-00-3	Chloroethane	ND		250	62
75-69-4	Trichlorofluoromethane	ND		25	6.2
75-35-4	1,1-Dichloroethene	ND		12	3.1
75-09-2	Methylene Chloride	ND		25	6.2
156-60-5	trans-1,2-Dichloroethene	ND		25	6.2
75-34-3	1,1-Dichloroethane	ND		25	6.2
594-20-7	2,2-Dichloropropane	ND		25	6.2
156-59-2	cis-1,2-Dichloroethene	ND		25	6.2
74-97-5	Chlorobromomethane	ND		25	7.4
67-66-3	Chloroform	ND		25	6.2
71-55-6	1,1,1-Trichloroethane	ND		25	6.2
56-23-5	Carbon tetrachloride	ND		12	3.1
563-58-6	1,1-Dichloropropene	ND		25	6.2
71-43-2	Benzene	ND		9.9	2.5
107-06-2	1,2-Dichloroethane	ND		25	6.2
79-01-6	Trichloroethene	ND		9.9	2.5
78-87-5	1,2-Dichloropropane	ND		7.4	2.4
74-95-3	Dibromomethane	ND		25	6.2
75-27-4	Dichlorobromomethane	ND		25	6.2
10061-01-5	cis-1,3-Dichloropropene	ND		9.9	2.5
108-88-3	Toluene	ND		25	6.2
10061-02-6	trans-1,3-Dichloropropene	ND		9.9	2.5
79-00-5	1,1,2-Trichloroethane	ND		7.4	1.9
127-18-4	Tetrachloroethene	ND		12	3.1
142-28-9	1,3-Dichloropropane	ND		25	6.2
124-48-1	Chlorodibromomethane	ND		25	6.2
106-93-4	Ethylene Dibromide	ND		25	6.2
108-90-7	Chlorobenzene	ND		25	6.2
100-41-4	Ethylbenzene	ND		25	6.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	6.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.2	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB5 (0-1) RA | Lab Sample ID: 580-24912-11 RA

Matrix: Solid | Lab File ID: VB00134533.D

Analysis Method: 8260B | Date Collected: 03/10/2011 13:40

Sample wt/vol: 21.01(g) | Date Analyzed: 03/13/2011 20:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.1 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		25	6.2
95-47-6	o-Xylene	ND		25	6.2
100-42-5	Styrene	ND		25	6.2
75-25-2	Bromoform	ND		25	6.8
98-82-8	Isopropylbenzene	ND		25	6.2
108-86-1	Bromobenzene	ND		25	6.2
103-65-1	N-Propylbenzene	ND		25	6.2
96-18-4	1,2,3-Trichloropropane	ND		25	7.2
95-49-8	2-Chlorotoluene	ND		25	6.2
108-67-8	1,3,5-Trimethylbenzene	ND		25	6.2
106-43-4	4-Chlorotoluene	ND		25	8.0
98-06-6	tert-Butylbenzene	ND		25	6.2
95-63-6	1,2,4-Trimethylbenzene	ND		25	6.2
135-98-8	sec-Butylbenzene	ND		25	6.2
541-73-1	1,3-Dichlorobenzene	ND		25	6.2
99-87-6	4-Isopropyltoluene	ND		25	6.2
106-46-7	1,4-Dichlorobenzene	ND		25	6.2
104-51-8	n-Butylbenzene	ND		25	6.2
95-50-1	1,2-Dichlorobenzene	ND		25	6.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		120	41
120-82-1	1,2,4-Trichlorobenzene	ND		25	6.2
87-61-6	1,2,3-Trichlorobenzene	ND		25	6.2
87-68-3	Hexachlorobutadiene	ND		25	6.2
91-20-3	Naphthalene	ND		25	6.2
1634-04-4	Methyl tert-butyl ether	ND		25	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	136	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	108		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB05 (5-6) RA | Lab Sample ID: 580-24912-12 RA

Matrix: Solid | Lab File ID: VB00134534.D

Analysis Method: 8260B | Date Collected: 03/10/2011 13:50

Sample wt/vol: 17.89(g) | Date Analyzed: 03/13/2011 20:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 27.1 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		31	7.8
74-87-3	Chloromethane	ND		310	78
75-01-4	Vinyl chloride	ND		6.2	1.6
74-83-9	Bromomethane	ND		110	27
75-00-3	Chloroethane	ND		310	78
75-69-4	Trichlorofluoromethane	ND		31	7.8
75-35-4	1,1-Dichloroethene	ND		16	3.9
75-09-2	Methylene Chloride	ND		31	7.8
156-60-5	trans-1,2-Dichloroethene	ND		31	7.8
75-34-3	1,1-Dichloroethane	ND		31	7.8
594-20-7	2,2-Dichloropropane	ND		31	7.8
156-59-2	cis-1,2-Dichloroethene	ND		31	7.8
74-97-5	Chlorobromomethane	ND		31	9.3
67-66-3	Chloroform	ND		31	7.8
71-55-6	1,1,1-Trichloroethane	ND		31	7.8
56-23-5	Carbon tetrachloride	ND		16	3.9
563-58-6	1,1-Dichloropropene	ND		31	7.8
71-43-2	Benzene	ND		12	3.1
107-06-2	1,2-Dichloroethane	ND		31	7.8
79-01-6	Trichloroethene	ND		12	3.1
78-87-5	1,2-Dichloropropane	ND		9.3	3.0
74-95-3	Dibromomethane	ND		31	7.8
75-27-4	Dichlorobromomethane	ND		31	7.8
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.1
108-88-3	Toluene	ND		31	7.8
10061-02-6	trans-1,3-Dichloropropene	ND		12	3.1
79-00-5	1,1,2-Trichloroethane	ND		9.3	2.3
127-18-4	Tetrachloroethene	ND		16	3.9
142-28-9	1,3-Dichloropropane	ND		31	7.8
124-48-1	Chlorodibromomethane	ND		31	7.8
106-93-4	Ethylene Dibromide	ND		31	7.8
108-90-7	Chlorobenzene	ND		31	7.8
100-41-4	Ethylbenzene	ND		31	7.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		31	7.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.8	2.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB05 (5-6) RA | Lab Sample ID: 580-24912-12 RA

Matrix: Solid | Lab File ID: VB00134534.D

Analysis Method: 8260B | Date Collected: 03/10/2011 13:50

Sample wt/vol: 17.89(g) | Date Analyzed: 03/13/2011 20:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 27.1 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		31	7.8
95-47-6	o-Xylene	ND		31	7.8
100-42-5	Styrene	ND		31	7.8
75-25-2	Bromoform	ND		31	8.5
98-82-8	Isopropylbenzene	ND		31	7.8
108-86-1	Bromobenzene	ND		31	7.8
103-65-1	N-Propylbenzene	ND		31	7.8
96-18-4	1,2,3-Trichloropropane	ND		31	9.0
95-49-8	2-Chlorotoluene	ND		31	7.8
108-67-8	1,3,5-Trimethylbenzene	ND		31	7.8
106-43-4	4-Chlorotoluene	ND		31	10
98-06-6	tert-Butylbenzene	ND		31	7.8
95-63-6	1,2,4-Trimethylbenzene	ND		31	7.8
135-98-8	sec-Butylbenzene	ND		31	7.8
541-73-1	1,3-Dichlorobenzene	ND		31	7.8
99-87-6	4-Isopropyltoluene	ND		31	7.8
106-46-7	1,4-Dichlorobenzene	ND		31	7.8
104-51-8	n-Butylbenzene	ND		31	7.8
95-50-1	1,2-Dichlorobenzene	ND		31	7.8
96-12-8	1,2-Dibromo-3-Chloropropane	ND		160	51
120-82-1	1,2,4-Trichlorobenzene	ND		31	7.8
87-61-6	1,2,3-Trichlorobenzene	ND		31	7.8
87-68-3	Hexachlorobutadiene	ND		31	7.8
91-20-3	Naphthalene	ND		31	7.8
1634-04-4	Methyl tert-butyl ether	ND		31	7.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	132	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	105		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (0-1) RA | Lab Sample ID: 580-24912-13 RA

Matrix: Solid | Lab File ID: VB00134535.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:10

Sample wt/vol: 17.36(g) | Date Analyzed: 03/13/2011 21:20

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.2 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		29	7.3
74-87-3	Chloromethane	ND		290	73
75-01-4	Vinyl chloride	ND		5.8	1.5
74-83-9	Bromomethane	ND		100	25
75-00-3	Chloroethane	ND		290	73
75-69-4	Trichlorofluoromethane	ND		29	7.3
75-35-4	1,1-Dichloroethene	ND		15	3.6
75-09-2	Methylene Chloride	ND		29	7.3
156-60-5	trans-1,2-Dichloroethene	ND		29	7.3
75-34-3	1,1-Dichloroethane	ND		29	7.3
594-20-7	2,2-Dichloropropane	ND		29	7.3
156-59-2	cis-1,2-Dichloroethene	ND		29	7.3
74-97-5	Chlorobromomethane	ND		29	8.7
67-66-3	Chloroform	ND		29	7.3
71-55-6	1,1,1-Trichloroethane	ND		29	7.3
56-23-5	Carbon tetrachloride	ND		15	3.6
563-58-6	1,1-Dichloropropene	ND		29	7.3
71-43-2	Benzene	ND		12	2.9
107-06-2	1,2-Dichloroethane	ND		29	7.3
79-01-6	Trichloroethene	ND		12	2.9
78-87-5	1,2-Dichloropropane	ND		8.7	2.8
74-95-3	Dibromomethane	ND		29	7.3
75-27-4	Dichlorobromomethane	ND		29	7.3
10061-01-5	cis-1,3-Dichloropropene	ND		12	2.9
108-88-3	Toluene	ND		29	7.3
10061-02-6	trans-1,3-Dichloropropene	ND		12	2.9
79-00-5	1,1,2-Trichloroethane	ND		8.7	2.2
127-18-4	Tetrachloroethene	ND		15	3.6
142-28-9	1,3-Dichloropropane	ND		29	7.3
124-48-1	Chlorodibromomethane	ND		29	7.3
106-93-4	Ethylene Dibromide	ND		29	7.3
108-90-7	Chlorobenzene	ND		29	7.3
100-41-4	Ethylbenzene	ND		29	7.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		29	7.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.3	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (0-1) RA | Lab Sample ID: 580-24912-13 RA

Matrix: Solid | Lab File ID: VB00134535.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:10

Sample wt/vol: 17.36(g) | Date Analyzed: 03/13/2011 21:20

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.2 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		29	7.3
95-47-6	o-Xylene	ND		29	7.3
100-42-5	Styrene	ND		29	7.3
75-25-2	Bromoform	ND		29	8.0
98-82-8	Isopropylbenzene	ND		29	7.3
108-86-1	Bromobenzene	ND		29	7.3
103-65-1	N-Propylbenzene	ND		29	7.3
96-18-4	1,2,3-Trichloropropane	ND		29	8.5
95-49-8	2-Chlorotoluene	ND		29	7.3
108-67-8	1,3,5-Trimethylbenzene	ND		29	7.3
106-43-4	4-Chlorotoluene	ND		29	9.5
98-06-6	tert-Butylbenzene	ND		29	7.3
95-63-6	1,2,4-Trimethylbenzene	ND		29	7.3
135-98-8	sec-Butylbenzene	ND		29	7.3
541-73-1	1,3-Dichlorobenzene	ND		29	7.3
99-87-6	4-Isopropyltoluene	ND		29	7.3
106-46-7	1,4-Dichlorobenzene	ND		29	7.3
104-51-8	n-Butylbenzene	ND		29	7.3
95-50-1	1,2-Dichlorobenzene	ND		29	7.3
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	48
120-82-1	1,2,4-Trichlorobenzene	ND		29	7.3
87-61-6	1,2,3-Trichlorobenzene	ND		29	7.3
87-68-3	Hexachlorobutadiene	ND		29	7.3
91-20-3	Naphthalene	ND		29	7.3
1634-04-4	Methyl tert-butyl ether	ND		29	7.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	129	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	111		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 D(0-1) RA | Lab Sample ID: 580-24912-14 RA

Matrix: Solid | Lab File ID: VB00134536.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:10

Sample wt/vol: 17.77(g) | Date Analyzed: 03/13/2011 21:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.7 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		28	7.1
74-87-3	Chloromethane	ND		280	71
75-01-4	Vinyl chloride	ND		5.7	1.4
74-83-9	Bromomethane	ND		99	25
75-00-3	Chloroethane	ND		280	71
75-69-4	Trichlorofluoromethane	ND		28	7.1
75-35-4	1,1-Dichloroethene	ND		14	3.5
75-09-2	Methylene Chloride	ND		28	7.1
156-60-5	trans-1,2-Dichloroethene	ND		28	7.1
75-34-3	1,1-Dichloroethane	ND		28	7.1
594-20-7	2,2-Dichloropropane	ND		28	7.1
156-59-2	cis-1,2-Dichloroethene	ND		28	7.1
74-97-5	Chlorobromomethane	ND		28	8.5
67-66-3	Chloroform	ND		28	7.1
71-55-6	1,1,1-Trichloroethane	ND		28	7.1
56-23-5	Carbon tetrachloride	ND		14	3.5
563-58-6	1,1-Dichloropropene	ND		28	7.1
71-43-2	Benzene	ND		11	2.8
107-06-2	1,2-Dichloroethane	ND		28	7.1
79-01-6	Trichloroethene	ND		11	2.8
78-87-5	1,2-Dichloropropane	ND		8.5	2.8
74-95-3	Dibromomethane	ND		28	7.1
75-27-4	Dichlorobromomethane	ND		28	7.1
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.8
108-88-3	Toluene	ND		28	7.1
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.8
79-00-5	1,1,2-Trichloroethane	ND		8.5	2.1
127-18-4	Tetrachloroethene	ND		14	3.5
142-28-9	1,3-Dichloropropane	ND		28	7.1
124-48-1	Chlorodibromomethane	ND		28	7.1
106-93-4	Ethylene Dibromide	ND		28	7.1
108-90-7	Chlorobenzene	ND		28	7.1
100-41-4	Ethylbenzene	ND		28	7.1
630-20-6	1,1,1,2-Tetrachloroethane	ND		28	7.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.1	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 D(0-1) RA | Lab Sample ID: 580-24912-14 RA

Matrix: Solid | Lab File ID: VB00134536.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:10

Sample wt/vol: 17.77(g) | Date Analyzed: 03/13/2011 21:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.7 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		28	7.1
95-47-6	o-Xylene	ND		28	7.1
100-42-5	Styrene	ND		28	7.1
75-25-2	Bromoform	ND		28	7.8
98-82-8	Isopropylbenzene	ND		28	7.1
108-86-1	Bromobenzene	ND		28	7.1
103-65-1	N-Propylbenzene	ND		28	7.1
96-18-4	1,2,3-Trichloropropane	ND		28	8.2
95-49-8	2-Chlorotoluene	ND		28	7.1
108-67-8	1,3,5-Trimethylbenzene	ND		28	7.1
106-43-4	4-Chlorotoluene	ND		28	9.2
98-06-6	tert-Butylbenzene	ND		28	7.1
95-63-6	1,2,4-Trimethylbenzene	ND		28	7.1
135-98-8	sec-Butylbenzene	ND		28	7.1
541-73-1	1,3-Dichlorobenzene	ND		28	7.1
99-87-6	4-Isopropyltoluene	ND		28	7.1
106-46-7	1,4-Dichlorobenzene	ND		28	7.1
104-51-8	n-Butylbenzene	ND		28	7.1
95-50-1	1,2-Dichlorobenzene	ND		28	7.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	47
120-82-1	1,2,4-Trichlorobenzene	ND		28	7.1
87-61-6	1,2,3-Trichlorobenzene	ND		28	7.1
87-68-3	Hexachlorobutadiene	ND		28	7.1
91-20-3	Naphthalene	ND		28	7.1
1634-04-4	Methyl tert-butyl ether	ND		28	7.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	127	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	109		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) RA | Lab Sample ID: 580-24912-15 RA

Matrix: Solid | Lab File ID: VB00134537.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:20

Sample wt/vol: 19.52(g) | Date Analyzed: 03/13/2011 22:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.8 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		27	6.7
74-87-3	Chloromethane	ND		270	67
75-01-4	Vinyl chloride	ND		5.4	1.3
74-83-9	Bromomethane	ND		94	23
75-00-3	Chloroethane	ND		270	67
75-69-4	Trichlorofluoromethane	ND		27	6.7
75-35-4	1,1-Dichloroethene	ND		13	3.4
75-09-2	Methylene Chloride	ND		27	6.7
156-60-5	trans-1,2-Dichloroethene	ND		27	6.7
75-34-3	1,1-Dichloroethane	ND		27	6.7
594-20-7	2,2-Dichloropropane	ND		27	6.7
156-59-2	cis-1,2-Dichloroethene	ND		27	6.7
74-97-5	Chlorobromomethane	ND		27	8.0
67-66-3	Chloroform	ND		27	6.7
71-55-6	1,1,1-Trichloroethane	ND		27	6.7
56-23-5	Carbon tetrachloride	ND		13	3.4
563-58-6	1,1-Dichloropropene	ND		27	6.7
71-43-2	Benzene	ND		11	2.7
107-06-2	1,2-Dichloroethane	ND		27	6.7
79-01-6	Trichloroethene	ND		11	2.7
78-87-5	1,2-Dichloropropane	ND		8.0	2.6
74-95-3	Dibromomethane	ND		27	6.7
75-27-4	Dichlorobromomethane	ND		27	6.7
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.7
108-88-3	Toluene	ND		27	6.7
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.7
79-00-5	1,1,2-Trichloroethane	ND		8.0	2.0
127-18-4	Tetrachloroethene	ND		13	3.4
142-28-9	1,3-Dichloropropane	ND		27	6.7
124-48-1	Chlorodibromomethane	ND		27	6.7
106-93-4	Ethylene Dibromide	ND		27	6.7
108-90-7	Chlorobenzene	ND		27	6.7
100-41-4	Ethylbenzene	ND		27	6.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		27	6.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.7	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) RA | Lab Sample ID: 580-24912-15 RA

Matrix: Solid | Lab File ID: VB00134537.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:20

Sample wt/vol: 19.52(g) | Date Analyzed: 03/13/2011 22:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.8 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		27	6.7
95-47-6	o-Xylene	ND		27	6.7
100-42-5	Styrene	ND		27	6.7
75-25-2	Bromoform	ND		27	7.4
98-82-8	Isopropylbenzene	ND		27	6.7
108-86-1	Bromobenzene	ND		27	6.7
103-65-1	N-Propylbenzene	ND		27	6.7
96-18-4	1,2,3-Trichloropropane	ND		27	7.8
95-49-8	2-Chlorotoluene	ND		27	6.7
108-67-8	1,3,5-Trimethylbenzene	ND		27	6.7
106-43-4	4-Chlorotoluene	ND		27	8.7
98-06-6	tert-Butylbenzene	ND		27	6.7
95-63-6	1,2,4-Trimethylbenzene	ND		27	6.7
135-98-8	sec-Butylbenzene	ND		27	6.7
541-73-1	1,3-Dichlorobenzene	ND		27	6.7
99-87-6	4-Isopropyltoluene	ND		27	6.7
106-46-7	1,4-Dichlorobenzene	ND		27	6.7
104-51-8	n-Butylbenzene	ND		27	6.7
95-50-1	1,2-Dichlorobenzene	ND		27	6.7
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	44
120-82-1	1,2,4-Trichlorobenzene	ND		27	6.7
87-61-6	1,2,3-Trichlorobenzene	ND		27	6.7
87-68-3	Hexachlorobutadiene	ND		27	6.7
91-20-3	Naphthalene	ND		27	6.7
1634-04-4	Methyl tert-butyl ether	ND		27	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	106		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	124		75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 580-82074/3	VB00134397.D
Level 2	STD1 580-82074/4	VB00134399.D
Level 3	STD2 580-82074/5	VB00134401.D
Level 4	STD5 580-82074/6	VB00134403.D
Level 5	STD10 580-82074/7	VB00134405.D
Level 6	STD20 580-82074/8	VB00134407.D
Level 7	STD50 580-82074/9	VB00134409.D
Level 8	STD100 580-82074/10	VB00134411.D
Level 9	STD150 580-82074/11	VB00134413.D
Level 10	STD200 580-82074/12	VB00134415.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Dichlorodifluoromethane	0.5428 0.7185	0.5867 0.5306	0.5461 0.5315	0.4586 0.5630	0.5487 0.5416	Ave		0.5568				12.0		15.0			
Bromomethane	+++++ 0.0267	+++++ 0.0296	0.0246 0.0433	0.0171 0.0576	0.0151 +++++	Qua2	0.0166	0.0146	0.0003						0.9920		0.9900
Chloromethane	+++++ 0.2014	+++++ 0.1597	0.2110 0.1818	0.1872 0.2264	0.1837 +++++	Qua1	0.2224	0.1394	0.0005		0.1000				0.9940		0.9900
Chloroethane	+++++ 0.0473	+++++ 0.0315	0.0435 0.0298	0.0346 0.0302	0.0359 0.0276	Qua1	0.0190	0.0358	0						0.9910		0.9900
Vinyl chloride	0.5200 0.6277	0.4959 0.4847	0.4928 0.4941	0.4327 0.5201	0.4764 0.4669	Ave		0.5011				10.0		15.0			
Trichlorofluoromethane	1.1754 1.2979	1.0624 0.9757	1.0877 0.8703	0.9422 0.8544	1.0974 0.7694	Qua2	0.0140	1.0930	-0.002						0.9900		0.9900
Ethyl ether	0.4059 0.4173	0.3262 0.3642	0.3722 0.3563	0.3597 0.3019	0.3771 0.3125	Ave		0.3593				10.0		15.0			
Iodomethane	+++++ 0.2119	0.0276 0.2477	0.0466 0.3237	0.0568 +++++	0.0855 +++++	Qua1	-1.093	0.1544	0.0003						0.9930		0.9900
Acrolein	0.0397 0.0492	0.0344 0.0450	0.0427 0.0484	0.0421 0.0421	0.0425 0.0407	Ave		0.0427				9.9		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4710 0.5217	0.4242 0.4328	0.4398 0.4453	0.3620 0.3986	0.4605 0.3971	Ave		0.4353				10.0		15.0			
1,1-Dichloroethene	0.5935 0.5604	0.4527 0.4571	0.4604 0.4543	0.4046 0.3918	0.4825 0.3715	Ave		0.4629				15.0		15.0			
Acetone	0.2164 0.0613	0.0663 0.0554	0.0657 0.0570	0.0628 0.0462	0.0607 0.0486	Lin1	0.1710	0.0505							0.9920		0.9900
Carbon disulfide	3.5037 1.4036	1.3485 1.1975	1.3533 1.2290	1.0802 1.1373	1.2416 1.1666	Lin1	0.4210	1.1764							0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
t-Butyl alcohol	+++++ 0.0094	0.0084 0.0082	0.0088 0.0088	0.0090 0.0076	0.0083 0.0083	Ave		0.0085				6.1		15.0			
Acetonitrile	0.0814 0.0923	0.0772 0.0776	0.0787 0.0758	0.0737 0.0692	0.0796 0.0650	Ave		0.0771				9.5		15.0			
Methyl acetate	0.0686 0.0638	0.0510 0.0517	0.0492 0.0505	0.0625 0.0451	0.0640 0.0508	Ave		0.0557				15.0		15.0			
Methylene Chloride	0.9842 0.4906	0.4975 0.3806	0.4176 0.3714	0.3897 0.3719	0.4074 0.3695	Lin2	0.1185	0.3862							0.9900		0.9900
Methyl tert-butyl ether	1.1048 1.2233	0.8924 1.0417	1.0007 1.0914	1.0363 1.0144	1.0657 1.0343	Ave		1.0505				8.0		15.0			
trans-1,2-Dichloroethene	0.5409 0.5848	0.4906 0.4722	0.4959 0.4798	0.4214 0.4690	0.4867 0.4690	Ave		0.4910				9.0		15.0			
Acrylonitrile	0.0826 0.0746	0.0566 0.0650	0.0653 0.0669	0.0687 0.0593	0.0661 0.0624	Ave		0.0668				11.0		15.0			
Hexane	0.6304 0.4912	0.3821 0.4000	0.3923 0.4087	0.3132 0.4019	0.3962 0.4140	Lin1	0.0196	0.4095							0.9980		0.9900
1,1-Dichloroethane	0.9178 0.9464	0.7715 0.7752	0.7921 0.7845	0.7129 0.7568	0.7996 0.7686	Ave		0.8025			0.1000	9.0		15.0			
Diisopropyl ether	1.2835 1.3849	1.0188 1.1379	1.1228 1.1467	1.0841 1.1230	1.1286 1.1075	Ave		1.1538				9.1		15.0			
Vinyl acetate	0.0487 0.0620	0.0472 0.0608	0.0662 0.0646	0.0553 +++++	0.0513 +++++	Qua1	-0.011	0.0572	0						0.9990		0.9900
Ethyl t-butyl ether	0.5484 0.5657	0.3794 0.4745	0.4350 0.4882	0.4305 0.4818	0.4634 0.4862	Ave		0.4753				11.0		15.0			
Cyclohexane	+++++ 0.7910	0.7984 0.6314	0.9720 0.6409	0.6581 0.6196	0.7002 0.6264	Lin1	0.4045	0.6303							0.9970		0.9900
2,2-Dichloropropane	0.8040 0.7957	0.6474 0.6657	0.6635 0.6884	0.5586 0.6704	0.6613 0.6656	Ave		0.6821				10.0		15.0			
cis-1,2-Dichloroethene	0.5664 0.5374	0.4220 0.4567	0.4574 0.4752	0.4243 0.4395	0.4593 0.4505	Ave		0.4689				10.0		15.0			
2-Butanone	+++++ 0.0059	0.0054 0.0051	0.0060 0.0054	0.0063 0.0044	0.0056 0.0046	Ave		0.0054				11.0		15.0			
Ethyl acetate	0.0284 0.0225	0.0185 0.0203	0.0234 0.0222	0.0216 0.0197	0.0214 0.0195	Ave		0.0218				13.0		15.0			
Isobutanol	+++++ 0.0029	0.0028 0.0027	0.0032 0.0030	0.0028 0.0028	0.0028 0.0030	Ave		0.0029				5.7		15.0			
Methacrylonitrile	0.0868 0.0860	0.0656 0.0759	0.0741 0.0782	0.0755 0.0665	0.0748 0.0700	Ave		0.0754				9.5		15.0			
Chlorobromomethane	0.2753 0.2574	0.2366 0.2035	0.2410 0.1965	0.2236 0.1724	0.2281 0.1717	Qua2	0.0081	0.2341	0						0.9960		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Tetrahydrofuran	0.0280 0.0215	0.0166 0.0194	0.0192 0.0212	0.0192 0.0166	0.0197 0.0181	Lin1	0.0103	0.0185							0.9920		0.9900
Chloroform	0.8501 0.8715	0.7004 0.7334	0.7502 0.7472	0.7103 0.6855	0.7455 0.6965	Ave		0.7491				8.5		15.0			
1,1,1-Trichloroethane	0.7437 0.8557	0.6631 0.7067	0.6887 0.7263	0.6195 0.6936	0.7056 0.6898	Ave		0.7093				8.7		15.0			
1,1-Dichloropropene	0.8230 0.7169	0.5453 0.5845	0.5571 0.6011	0.4969 0.5791	0.5824 0.5876	Ave		0.6074				15.0		15.0			
Carbon tetrachloride	0.7884 0.7220	0.5832 0.6020	0.5842 0.6229	0.4879 0.5938	0.5887 0.6022	Ave		0.6175				13.0		15.0			
n-Butyl alcohol	+++++ 0.0013	0.0009 0.0014	0.0017 0.0016	0.0014 0.0015	0.0013 0.0016	Lin1	-0.007	0.0016							0.9960		0.9900
Benzene	1.9791 1.8533	1.5122 1.4932	1.5757 1.5219	1.3912 1.4668	1.5430 1.4756	Ave		1.5812				12.0		15.0			
1,2-Dichloroethane	0.6375 0.5812	0.4753 0.4940	0.5249 0.5046	0.5107 0.4488	0.5094 0.4540	Ave		0.5141				11.0		15.0			
Tert-amyl methyl ether	0.8134 0.9520	0.6889 0.8241	0.7088 0.8603	0.7472 0.8234	0.7638 0.8469	Ave		0.8029				9.7		15.0			
Trichloroethene	0.3636 0.3815	0.3073 0.3054	0.3113 0.3097	0.2836 0.3017	0.3135 0.3056	Ave		0.3183				9.4		15.0			
Methylcyclohexane	0.3928 0.4686	0.3095 0.3866	0.3277 0.3927	0.2652 0.3909	0.3579 0.4008	Ave		0.3693				15.0		15.0			
1,2-Dichloropropane	0.3066 0.3042	0.2574 0.2467	0.2516 0.2492	0.2179 0.2423	0.2375 0.2484	Ave		0.2562				11.0		15.0			
Dibromomethane	0.1710 0.1832	0.1294 0.1521	0.1517 0.1585	0.1553 0.1373	0.1553 0.1409	Ave		0.1535				10.0		15.0			
Dichlorobromomethane	0.3877 0.3545	0.2581 0.2899	0.2704 0.2979	0.2779 0.2838	0.2735 0.2887	Ave		0.2982				14.0		15.0			
2-Chloroethyl vinyl ether	0.0693 0.1097	0.0592 0.0938	0.0575 0.0982	0.0773 0.0937	0.0854 0.0964	Lin1	-0.087	0.0959							0.9980		0.9900
cis-1,3-Dichloropropene	0.2928 0.3846	0.2412 0.3231	0.2700 0.3368	0.2712 0.3287	0.2905 0.3361	Ave		0.3075				14.0		15.0			
2-Hexanone	+++++ 0.0262	0.0131 0.0241	0.0161 0.0264	0.0163 0.0256	0.0181 0.0265	Lin1	-0.111	0.0260							0.9980		0.9900
4-Methyl-2-pentanone	0.0237 0.0333	0.0207 0.0294	0.0190 0.0321	0.0241 0.0311	0.0259 0.0320	Lin1	-0.031	0.0314							0.9980		0.9900
Toluene	1.1592 1.2302	0.9205 0.9755	0.9398 0.9976	0.8496 0.9669	0.9568 0.9904	Ave		0.9986				11.0		15.0			
Ethylene Dibromide	+++++ 0.1304	0.1011 0.1116	0.1069 0.1145	0.1083 0.1114	0.1041 0.1145	Ave		0.1114				7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
trans-1,3-Dichloropropene	0.2251 0.2531	0.1740 0.2169	0.1799 0.2318	0.1749 0.2245	0.1922 0.2329	Ave		0.2105				13.0		15.0			
1,1,2-Trichloroethane	0.1488 0.1402	0.1187 0.1166	0.1218 0.1185	0.1179 0.1145	0.1120 0.1153	Ave		0.1224				9.9		15.0			
Tetrachloroethene	+++++ 0.3002	0.2299 0.2184	0.2275 0.2211	0.1943 0.2123	0.2707 +++++	Qua1	-0.037	0.2563	0						0.9930		0.9900
1,3-Dichloropropane	0.2361 0.2598	0.2040 0.2142	0.2136 0.2212	0.2023 0.2139	0.2134 0.2185	Ave		0.2197				7.7		15.0			
Chlorodibromomethane	0.1479 0.1351	0.0933 0.1151	0.0958 0.1222	0.0986 0.1197	0.1043 0.1244	Ave		0.1156				15.0		15.0			
Bromoform	+++++ 0.2858	0.1908 0.2463	0.2206 0.2703	0.2009 0.2607	0.2182 0.2872	Ave		0.2423			0.1000	15.0		15.0			
Chlorobenzene	+++++ 2.6538	3.3142 2.0447	2.8416 1.9902	2.2404 +++++	2.1013 +++++	Qua1	0.8851	2.3094	-0.003		0.3000				0.9940		0.9900
1,1,1,2-Tetrachloroethane	+++++ 0.8361	0.6385 0.6552	0.6824 0.6652	0.6229 0.6336	0.6223 0.6560	Ave		0.6680				9.9		15.0			
Ethylbenzene	4.8290 4.7402	3.6183 3.7224	3.7939 3.7825	3.3115 3.5956	3.4993 3.6902	Ave		3.8583				13.0		15.0			
m-Xylene & p-Xylene	3.3088 3.4703	2.4205 2.7403	2.5934 2.7436	2.3734 2.5833	2.5602 2.7269	Ave		2.7521				13.0		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1449	0.0934 0.1285	0.1015 0.1357	0.1097 0.1274	0.1123 0.1329	Ave		0.1207				14.0		15.0			
2-Chlorotoluene	+++++ 0.7391	0.5514 0.5699	0.5825 0.5847	0.4927 0.5787	0.5428 0.5908	Ave		0.5814				11.0		15.0			
1,3,5-Trimethylbenzene	+++++ 2.4790	1.3401 1.9600	1.4835 1.9623	1.4707 1.9413	1.6754 1.9872	Lin	0.0561	1.9709							0.9990		0.9900
4-Chlorotoluene	+++++ 0.7681	0.5217 0.5981	0.5628 0.6061	0.5353 0.5900	0.5552 0.6059	Ave		0.5937				12.0		15.0			
o-Xylene	+++++ 3.0693	2.1760 2.4683	2.1480 2.5044	1.9811 2.4050	2.1457 2.4998	Ave		2.3775				13.0		15.0			
Styrene	1.5449 2.0877	1.2994 1.6958	1.3180 1.7554	1.2624 1.6940	1.4711 1.7885	Lin1	-0.229	1.7492							0.9970		0.9900
Isopropylbenzene	2.3261 3.2090	2.0233 2.6284	2.1360 2.6711	1.9525 2.5613	2.2133 2.6530	Lin1	-0.289	2.6367							0.9970		0.9900
cis-1,4-Dichloro-2-butene	0.0959 0.1740	0.0982 0.1580	0.1135 0.1766	0.1113 0.1684	0.1258 0.1752	Lin1	-0.226	0.1708							0.9970		0.9900
BFB						None											
1,4-Dichlorobenzene	+++++ 1.4843	1.3090 1.1389	1.2955 1.1382	1.1084 1.1553	1.1678 1.1637	Ave		1.2179				10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,1,2,2-Tetrachloroethane	0.4332 0.5080	0.3725 0.4245	0.4334 0.4484	0.4378 0.4258	0.4243 0.4351	Ave		0.4343			0.3000	7.6		15.0			
Bromobenzene	0.9009 0.8436	0.6950 0.6574	0.6657 0.6572	0.6407 0.6376	0.6731 0.6534	Ave		0.7025				13.0		15.0			
1,2,3-Trichloropropane	0.1622 0.1765	0.1492 0.1501	0.1432 0.1455	0.1270 0.1329	0.1420 0.1378	Ave		0.1466				9.7		15.0			
N-Propylbenzene	2.5930 3.7222	2.1784 2.9330	2.3517 2.9916	2.2879 2.8705	2.6693 2.9324	Lin1	-0.280	2.9462							0.9960		0.9900
2-Ethyl-1-Hexanol	+++++ 0.0176	0.0049 0.0198	0.0079 0.0293	0.0088 0.0258	0.0094 0.0325	Qua1	-0.567	0.0178	0						0.9910		0.9900
tert-Butylbenzene	1.2649 1.8254	1.1340 1.4959	1.2645 1.5501	1.0510 1.5186	1.2657 1.5638	Lin1	-0.218	1.5438							0.9970		0.9900
1,2,4-Trimethylbenzene	1.5042 2.3809	1.2223 1.9166	1.3063 1.9480	1.3485 1.9302	1.6396 1.9700	Lin1	-0.349	1.9556							0.9960		0.9900
Hexachloroethane	+++++ 0.2574	0.2557 0.2053	0.2018 0.2226	0.1755 0.2314	0.1790 0.2428	Ave		0.2191				14.0		15.0			
sec-Butylbenzene	1.8527 2.3637	1.2820 1.9373	1.4241 1.9963	1.3424 1.9996	1.6358 2.0568	Lin1	-0.332	2.0177							0.9970		0.9900
4-Isopropyltoluene	1.3288 2.0003	1.1446 1.6379	1.1342 1.7391	1.0732 1.7280	1.3279 1.7747	Lin1	-0.362	1.7389							0.9960		0.9900
1,3-Dichlorobenzene	1.2999 1.4237	1.1221 1.1343	1.1508 1.1131	1.0306 1.1158	1.1044 1.1301	Ave		1.1625				9.8		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0823	0.0777 0.0770	0.0650 0.0849	0.0687 0.0784	0.0776 0.0885	Ave		0.0778				9.5		15.0			
n-Butylbenzene	0.2435 0.4670	0.2946 0.3753	0.2554 0.3932	0.2493 0.4044	0.3163 0.4117	Lin1	-0.089	0.4024							0.9960		0.9900
1,2-Dichlorobenzene	1.2356 1.3039	1.0258 1.0413	1.0829 1.0621	0.9840 1.0446	1.0514 1.0614	Ave		1.0893				9.2		15.0			
1,3,5-Trichlorobenzene	1.2023 0.8447	0.6788 0.6970	0.6657 0.7060	0.5770 0.7240	0.6454 0.7317	Lin1	0.0369	0.7218							0.9980		0.9900
Hexachlorobutadiene	+++++ 0.3538	0.3101 0.2800	0.3070 0.2774	0.2433 0.2840	0.2700 0.2946	Ave		0.2911				11.0		15.0			
Naphthalene	+++++ 1.2628	0.7555 1.2333	0.8350 1.4048	0.8333 1.3353	0.8964 1.4623	Qua1	-0.784	1.2014	0.0013						0.9980		0.9900
1,2,3-Trichlorobenzene	+++++ 0.6332	0.4832 0.5475	0.4900 0.5730	0.4563 0.5494	0.5075 0.5885	Ave		0.5365				11.0		15.0			
1,2,4-Trichlorobenzene	0.8500 0.7374	0.5829 0.6198	0.5863 0.6403	0.5233 0.6494	0.5650 0.6798	Ave		0.6434				15.0		15.0			
Fluorobenzene (Surr)	1.3942 1.3507	1.3597 1.3893	1.3746 1.4112	1.3800 1.3912	1.3878 1.3984	Ave		1.3837				1.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Trifluorotoluene (Surr)	0.6207 0.6481	0.5205 0.5108	0.5187 0.5188	0.4831 0.5247	0.5219 0.5182	Ave		0.5386				9.7		15.0			
Toluene-d8 (Surr)	0.8727 1.0068	0.9054 0.9890	0.9134 0.9866	0.9386 0.9660	0.9569 0.9817	Ave		0.9517				4.5		15.0			
Ethylbenzene-d10	1.4414 1.3327	1.3072 1.3270	1.3376 1.3501	1.3031 1.2980	1.2778 1.3495	Ave		1.3325				3.4		15.0			
4-Bromofluorobenzene (Surr)	0.8365 0.8769	0.8234 0.9049	0.8489 0.9017	0.8896 0.8636	0.8536 0.9214	Ave		0.8720				3.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 580-82074/3	VB00134397.D
Level 2	STD1 580-82074/4	VB00134399.D
Level 3	STD2 580-82074/5	VB00134401.D
Level 4	STD5 580-82074/6	VB00134403.D
Level 5	STD10 580-82074/7	VB00134405.D
Level 6	STD20 580-82074/8	VB00134407.D
Level 7	STD50 580-82074/9	VB00134409.D
Level 8	STD100 580-82074/10	VB00134411.D
Level 9	STD150 580-82074/11	VB00134413.D
Level 10	STD200 580-82074/12	VB00134415.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Dichlorodifluoromethane	PFB	Ave	2182 279102	10850 530024	21183 1082630	44195 1704013	104260 2307261	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
Bromomethane	PFB	Qua2	+++++ 10379	+++++ 29568	957 88211	1646 174369	2872 +++++	+++++ 20.0	+++++ 50.0	2.00 100	5.00 150	10.0 +++++
Chloromethane	PFB	Qua1	+++++ 78333	+++++ 159754	8194 370711	18063 686032	34940 +++++	+++++ 20.0	+++++ 50.0	2.00 100	5.00 150	10.0 +++++
Chloroethane	PFB	Qua1	+++++ 18361	+++++ 31510	1686 60655	3335 91425	6821 117465	+++++ 20.0	+++++ 50.0	2.00 99.9	5.00 150	9.99 200
Vinyl chloride	PFB	Ave	2092 244033	9177 484514	19132 1007379	41724 1575191	90595 1990326	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Trichlorofluoromethane	PFB	Qua2	4728 504483	19657 975133	42215 1773883	90846 2587090	208633 3279118	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Ethyl ether	PFB	Ave	8172 811956	30210 1821869	72307 3635139	173583 4575152	358791 6667539	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
Iodomethane	PFB	Qua1	+++++ 413892	2570 1244259	9087 3315252	27507 +++++	81711 +++++	+++++ 101	5.03 251	10.1 503	25.1 +++++	50.3 +++++
Acrolein	PFB	Ave	805 96314	3211 226828	8361 497224	20477 643182	40706 874468	1.01 101	5.04 252	10.1 504	25.2 756	50.4 1008
1,1,2-Trichloro-1,2,2-trifluoroetha ne	PFB	Ave	1890 202284	7829 431488	17030 905322	34819 1203963	87338 1688358	0.200 20.0	0.998 49.9	2.00 99.8	4.99 150	9.98 200
1,1-Dichloroethene	PFB	Ave	2385 217606	8368 456388	17852 925182	38976 1185245	91646 1581952	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
Acetone	PFB	Lin1	4352 119047	6138 276790	12750 581360	30274 699795	57656 1034863	1.00 100	5.00 250	10.0 500	25.0 750	50.0 1000
Carbon disulfide	PFB	Lin1	14115 546402	24990 1198676	52607 2508912	104310 3449442	236414 4980019	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
t-Butyl alcohol	PFB	Ave	+++++ 18238	777 41187	1713 89530	4359 115347	7866 176616	+++++ 100	5.00 250	10.0 500	25.0 750	50.0 1000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Acetonitrile	PFB	Ave	3273 358797	14277 775179	30516 1544412	71037 2094803	151297 2768258	2.00 200	10.00 500	20.0 1000	50.0 1499	100.0 1999
Methyl acetate	PFB	Ave	1381 124098	4725 258840	9556 515110	30166 684088	60902 1082904	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
Methylene Chloride	PFB	Lin2	3949 190220	9183 379471	16167 755186	37478 1123517	77260 1570852	0.200 20.0	0.998 49.9	2.00 99.8	4.99 150	9.98 200
Methyl tert-butyl ether	PFB	Ave	4444 475518	16512 1041150	38841 2224712	99928 3071809	202611 4408795	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
trans-1,2-Dichloroethene	PFB	Ave	2176 227305	9077 471995	19248 978069	40631 1420163	92541 1998913	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Acrylonitrile	PFB	Ave	1662 145071	5239 325341	12690 682546	33147 899489	62941 1331155	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
Hexane	PFB	Lin1	2542 191421	7088 400798	15266 835147	30271 1220273	75520 1768909	0.201 20.1	1.00 50.1	2.01 100	5.01 150	10.0 201
1,1-Dichloroethane	PFB	Ave	3690 367705	14268 774404	30731 1598344	68702 2290673	151946 3274365	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Diisopropyl ether	PFB	Ave	5163 538325	18852 1137316	43582 2337297	104537 3400927	214570 4720552	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Vinyl acetate	PFB	Qua1	985 121366	4398 305746	12925 662557	26838 +++++	49041 +++++	1.01 101	5.03 252	10.1 503	25.2 +++++	50.3 +++++
Ethyl t-butyl ether	PFB	Ave	2206 219880	7020 474233	16884 995054	41515 1458928	88096 2072577	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Cyclohexane	PFB	Lin1	+++++ 307454	14773 631108	37727 1306316	63452 1876323	133119 2670197	+++++ 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
2,2-Dichloropropane	PFB	Ave	3234 309301	11979 665320	25753 1403131	53866 2030126	125738 2837163	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
cis-1,2-Dichloroethene	PFB	Ave	2283 209331	7825 457378	17791 970606	40995 1333728	87500 1924049	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
2-Butanone	PFB	Ave	+++++ 11502	500 25484	1157 55534	3042 67221	5287 97886	+++++ 100	5.00 250	10.0 500	25.0 750	50.0 1000
Ethyl acetate	PFB	Ave	575 43962	1722 102181	4558 227451	10465 300512	20441 418364	1.01 101	5.03 251	10.1 503	25.1 754	50.3 1005
Isobutanol	PFB	Ave	+++++ 11140	519 26907	1258 61371	2714 85848	5281 127143	+++++ 200	9.99 499	20.0 999	49.9 1498	99.9 1997
Methacrylonitrile	PFB	Ave	1769 169327	6151 384175	14576 807672	36894 1020279	72013 1511460	1.01 101	5.07 253	10.1 507	25.3 760	50.7 1013
Chlorobromomethane	PFB	Qua2	1109 100215	4385 203747	9369 401210	21591 522946	43437 732802	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
Tetrahydrofuran	PFB	Lin1	563 41914	1537 97204	3729 216451	9267 252243	18768 386584	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
Chloroform	PFB	Ave	3423 339095	12972 733795	29150 1524650	68562 2077913	141878 2971883	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,1,1-Trichloroethane	PFB	Ave	2990 332475	12263 706033	26718 1479708	59705 2099558	134085 2938892	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
1,1-Dichloropropene	PFB	Ave	3279 276035	9995 578702	21418 1213599	47460 1737204	109677 2480981	0.198 19.8	0.991 49.5	1.98 99.1	4.95 149	9.91 198
Carbon tetrachloride	PFB	Ave	3176 281090	10808 602562	22712 1271683	47116 1800822	112093 2570549	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
n-Butyl alcohol	DFB	Lin1	+++++ 6359	214 17557	807 40501	1739 56239	3067 85706	+++++ 200	10.0 501	20.0 1001	50.1 1502	100 2002
Benzene	PFB	Ave	7953 719678	27953 1490985	61099 3099169	134009 4437464	293058 6283406	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
1,2-Dichloroethane	PFB	Ave	2563 225820	8790 493542	20365 1027969	49221 1358516	96803 1934375	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Tert-amyl methyl ether	PFB	Ave	3272 370060	12748 823646	27511 1753696	72047 2493573	145224 3609700	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Trichloroethene	DFB	Ave	1907 183991	7124 381437	15126 791033	34584 1130609	75011 1609893	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Methylcyclohexane	DFB	Ave	2059 225917	7173 482639	15917 1002511	32320 1464094	85604 2110746	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
1,2-Dichloropropane	DFB	Ave	1643 149956	6098 314913	12492 650472	27156 928016	58074 1337452	0.204 20.4	1.02 51.1	2.04 102	5.11 153	10.2 204
Dibromomethane	DFB	Ave	902 88915	3019 191131	7416 407340	19048 517521	37386 747053	0.201 20.1	1.01 50.3	2.01 101	5.03 151	10.1 201
Dichlorobromomethane	DFB	Ave	2035 171134	5989 362439	13153 761667	33917 1064423	65521 1522659	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
2-Chloroethyl vinyl ether	DFB	Lin1	1829 266123	6908 589236	14045 1261280	47421 1765585	102782 2554504	1.01 101	5.03 252	10.1 503	25.2 755	50.3 1006
cis-1,3-Dichloropropene	DFB	Ave	1523 184024	5547 400359	13013 853252	32806 1221973	68949 1756401	0.198 19.8	0.992 49.6	1.98 99.2	4.96 149	9.92 198
2-Hexanone	DFB	Lin1	+++++ 63091	1518 150205	3900 336927	9950 478905	21681 698453	+++++ 100	5.00 250	10.0 500	25.0 750	50.0 1000
4-Methyl-2-pentanone	DFB	Lin1	622 80351	2404 183544	4615 409667	14722 583214	30954 841674	1.00 100	5.00 250	10.0 500	25.0 750	50.0 1000
Toluene	DFB	Ave	6076 593057	21330 1217798	45644 2546637	103546 3621491	228844 5215545	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Ethylene Dibromide	DFB	Ave	+++++ 63069	2351 139805	5209 293197	13250 418720	24976 604845	+++++ 20.1	1.00 50.2	2.01 100	5.02 150	10.0 201
trans-1,3-Dichloropropene	DFB	Ave	1204 124509	4114 276344	8914 603933	21753 857959	46905 1251548	0.204 20.4	1.02 51.0	2.04 102	5.10 153	10.2 204
1,1,2-Trichloroethane	DFB	Ave	782 67744	2758 145885	5931 303371	14408 430034	26843 608541	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
Tetrachloroethene	DFB	Qua1	+++++ 145025	5339 273222	11069 565663	23727 796761	64870 +++++	+++++ 20.0	1.00 50.1	2.00 100	5.01 150	10.0 +++++

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,3-Dichloropropane	DFB	Ave	1237 125204	4724 267226	10368 564354	24645 800705	51023 1149816	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
Chlorodibromomethane	DFB	Ave	770 64690	2146 142665	4622 309776	11931 445266	24777 650380	0.199 19.9	0.993 49.6	1.99 99.3	4.96 149	9.93 199
Bromoform	DCB	Ave	+++++ 27766	808 63352	1917 144713	4599 213323	10397 323392	+++++ 20.3	1.02 50.8	2.03 102	5.08 152	10.2 203
Chlorobenzene	DCB	Qua1	+++++ 253479	13800 517190	24277 1047716	50417 +++++	98458 +++++	+++++ 20.0	0.998 49.9	2.00 99.8	4.99 +++++	9.98 +++++
1,1,1,2-Tetrachloroethane	DCB	Ave	+++++ 80262	2672 166548	5859 351924	14088 512261	29306 730047	+++++ 20.1	1.00 50.2	2.01 100	5.02 150	10.0 201
Ethylbenzene	DCB	Ave	4123 453446	15089 942975	32461 1994268	74634 2896823	164209 4092380	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
m-Xylene & p-Xylene	DCB	Ave	5660 665097	20223 1390822	44457 2898147	107167 4169674	240701 6058784	0.401 40.1	2.00 100	4.01 200	10.0 300	20.0 401
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 69347	1949 162822	4346 357824	12372 513488	26369 737019	+++++ 100	5.00 250	10.0 500	25.0 750	50.0 1000
2-Chlorotoluene	DCB	Ave	+++++ 71057	2311 145089	5009 309828	11159 468567	25597 658439	+++++ 20.1	1.00 50.2	2.01 100	5.02 151	10.0 201
1,3,5-Trimethylbenzene	DCB	Lin	+++++ 237495	5597 497272	12712 1036123	33196 1566324	78738 2207121	+++++ 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
4-Chlorotoluene	DCB	Ave	+++++ 73699	2182 151964	4830 320491	12100 476788	26132 673982	+++++ 20.1	1.00 50.1	2.01 100	5.01 150	10.0 201
o-Xylene	DCB	Ave	+++++ 294052	9088 626227	18406 1322404	44717 1940462	100838 2776395	+++++ 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
Styrene	DCB	Lin1	1325 200611	5443 431528	11328 929651	28579 1370951	69341 1992330	0.201 20.1	1.00 50.2	2.01 100	5.02 151	10.0 201
Isopropylbenzene	DCB	Lin1	1988 307280	8446 666514	18294 1409688	44048 2065581	103963 2945076	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
cis-1,4-Dichloro-2-butene	DCB	Lin1	410 83340	2051 200443	4864 466187	12556 679254	29559 972920	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
BFB		None	28317 34970	27574 36842	29916 37781	31947 39914	33208 40965	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 141916	5456 288375	11079 599824	24967 930290	54773 1289878	+++++ 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
1,1,2,2-Tetrachloroethane	DCB	Ave	371 48742	1558 107854	3719 237102	9897 344068	19968 483955	0.201 20.1	1.00 50.1	2.01 100	5.01 150	10.0 201
Bromobenzene	DCB	Ave	775 81301	2920 167779	5739 349091	14548 517557	31824 730002	0.201 20.1	1.01 50.4	2.01 101	5.04 151	10.1 201
1,2,3-Trichloropropane	DCB	Ave	140 17068	629 38438	1239 77535	2894 108267	6738 154555	0.202 20.2	1.01 50.5	2.02 101	5.05 152	10.1 202
N-Propylbenzene	DCB	Lin1	2215 356249	9089 743380	20132 1578090	51589 2313751	125322 3253668	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2-Ethyl-1-Hexanol	DCB	Qua1	+++++ 42137	511 125452	1694 385915	4951 520327	10994 900737	+++++ 500	25.0 1250	50.0 2499	125 3749	250 4998
tert-Butylbenzene	DCB	Lin1	1080 174623	4729 378941	10819 817245	23688 1223490	59395 1734235	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
1,2,4-Trimethylbenzene	DCB	Lin1	1292 229121	5128 488435	11244 1033230	30575 1564401	77399 2197843	0.201 20.1	1.01 50.3	2.01 101	5.03 151	10.1 201
Hexachloroethane	DCB	Ave	+++++ 24706	1070 52180	1733 117779	3969 187110	8431 270240	+++++ 20.1	1.00 50.2	2.01 100	5.02 150	10.0 201
sec-Butylbenzene	DCB	Lin1	1585 226561	5357 491741	12209 1054606	30314 1614190	76913 2285549	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
4-Isopropyltoluene	DCB	Lin1	1134 191256	4771 414708	9700 916436	24176 1391469	62282 1967111	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
1,3-Dichlorobenzene	DCB	Ave	1111 136325	4684 287641	9856 587461	23251 899878	51877 1254480	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 7898	325 19572	558 44925	1554 63403	3655 98533	+++++ 20.1	1.00 50.2	2.01 100	5.02 150	10.0 201
n-Butylbenzene	DCB	Lin1	208 44699	1229 95130	2186 207416	5621 325984	14850 456775	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
1,2-Dichlorobenzene	DCB	Ave	1056 124858	4282 264063	9275 560547	22198 842394	49389 1178226	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
1,3,5-Trichlorobenzene	DCB	Lin1	1027 80848	2832 176645	5699 372420	13010 583552	30299 811840	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Hexachlorobutadiene	DCB	Ave	+++++ 33863	1294 70969	2628 146334	5486 228931	12676 326900	+++++ 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Naphthalene	DCB	Qua1	+++++ 121043	3157 313043	7159 742144	18818 1077960	42147 1624911	+++++ 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 60176	2002 137783	4165 300149	10216 439707	23662 648424	+++++ 19.9	0.993 49.7	1.99 99.3	4.97 149	9.93 199
1,2,4-Trichlorobenzene	DCB	Ave	721 70079	2415 155991	4984 335379	11717 519756	26342 748934	0.199 19.9	0.993 49.7	1.99 99.3	4.97 149	9.93 199
Fluorobenzene (Surr)	PFB	Ave	280523 262615	251692 277824	266896 287765	266233 280972	263953 298153	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0
Trifluorotoluene (Surr)	DFB	Ave	3254 312495	12062 637715	25195 1324618	58879 1965502	124841 2729231	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Toluene-d8 (Surr)	DFB	Ave	229173 243149	210223 247422	222230 252345	229224 241689	229330 259002	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0
Ethylbenzene-d10	DCB	Ave	61580 63792	54554 67282	57265 71237	58783 69768	60007 74886	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0
4-Bromofluorobenzene (Surr)	DCB	Ave	35805 42052	34426 45968	36412 47668	40203 46505	40160 51225	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
None = No Calib Curve
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-82074/15 Calibration Date: 03/11/2011 00:03

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134421.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5568	0.5135		45.2	49.0	-7.8	25.0
Chloromethane	Qua1		0.1259	0.1000		50.0	-23.9	25.0
Vinyl chloride	Ave	0.5011	0.5324		53.1	50.0	6.2	25.0
Bromomethane	Qua2		0.0139			50.0	-41.3*	25.0
Chloroethane	Qua1		0.0303			50.1	-11.9	25.0
Trichlorofluoromethane	Qua2		0.9224		44.8	49.5	-9.5	25.0
Ethyl ether	Ave	0.3593	0.3415		236	248	-5.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4353	0.4474		51.1	49.7	2.8	40.0
1,1-Dichloroethene	Ave	0.4629	0.4794		51.3	49.5	3.6	25.0
Acetone	Lin1		0.0546			50.0	1.5	25.0
Iodomethane	Qua1		0.1805		57.3	49.2	16.3	40.0
Carbon disulfide	Lin1		1.250		52.8	50.0	5.5	25.0
Acetonitrile	Ave	0.0771	0.0811		526	500	5.2	40.0
Methyl acetate	Ave	0.0557	0.0462			252	-17.1	40.0
Methylene Chloride	Lin2		0.4209		54.2	50.0	8.4	25.0
t-Butyl alcohol	Ave	0.0085	0.0075		218	250	-12.7	40.0
Methyl tert-butyl ether	Ave	1.050	1.006		47.9	50.0	-4.3	25.0
trans-1,2-Dichloroethene	Ave	0.4910	0.4864		49.5	50.0	-1.0	25.0
Hexane	Lin1		0.4168		50.9	50.1	1.7	40.0
1,1-Dichloroethane	Ave	0.8025	0.7995	0.1000	49.6	49.8	-0.4	25.0
Diisopropyl ether	Ave	1.154	1.123		48.7	50.0	-2.7	40.0
Vinyl acetate	Qua1		0.0291			50.0	-49.1*	40.0
Ethyl t-butyl ether	Ave	0.4753	0.4763		50.1	50.0	0.2	40.0
2,2-Dichloropropane	Ave	0.6821	0.6305		46.2	50.0	-7.6	25.0
cis-1,2-Dichloroethene	Ave	0.4689	0.4686		50.0	50.0	-0.0	25.0
2-Butanone	Ave	0.0054	0.0044			50.0	-19.1	25.0
Ethyl acetate	Ave	0.0218	0.0179			50.0	-17.7	40.0
Methacrylonitrile	Ave	0.0754	0.0712		473	500	-5.5	40.0
Chlorobromomethane	Qua2		0.2095		47.8	49.6	-3.6	25.0
Tetrahydrofuran	Lin1		0.0182		244	249	-1.9	40.0
Chloroform	Ave	0.7491	0.7345		49.0	49.9	-1.9	25.0
1,1,1-Trichloroethane	Ave	0.7093	0.7016		49.5	50.0	-1.1	25.0
Cyclohexane	Lin1		0.6950		54.3	49.9	9.0	40.0
1,1-Dichloropropene	Ave	0.6074	0.6014		49.3	49.8	-1.0	25.0
Carbon tetrachloride	Ave	0.6175	0.6055		49.0	50.0	-2.0	25.0
Isobutanol	Ave	0.0029	0.0024			998	-16.0	40.0
Benzene	Ave	1.581	1.573		49.8	50.0	-0.5	25.0
1,2-Dichloroethane	Ave	0.5141	0.4830		47.0	50.0	-6.0	25.0
Tert-amyl methyl ether	Ave	0.8029	0.8136		50.7	50.0	1.3	40.0
n-Butyl alcohol	Lin1		0.0020			49.8	36.3	40.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-82074/15 Calibration Date: 03/11/2011 00:03

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134421.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Trichloroethene	Ave	0.3183	0.3270		51.4	50.0	2.7	25.0
Methylcyclohexane	Ave	0.3693	0.4074		55.2	50.0	10.3	40.0
1,2-Dichloropropane	Ave	0.2562	0.2440		47.6	50.0	-4.8	25.0
Dibromomethane	Ave	0.1535	0.1452		46.6	49.3	-5.4	25.0
Dichlorobromomethane	Ave	0.2982	0.2831		47.5	50.0	-5.1	25.0
2-Chloroethyl vinyl ether	Lin1		0.0795			49.8	-15.3	40.0
cis-1,3-Dichloropropene	Ave	0.3075	0.2970		50.7	52.6	-3.4	25.0
4-Methyl-2-pentanone	Lin1		0.0266			49.7	-13.5	25.0
Toluene	Ave	0.999	1.005		50.4	50.0	0.7	25.0
trans-1,3-Dichloropropene	Ave	0.2105	0.2114		47.7	47.5	0.4	25.0
1,1,2-Trichloroethane	Ave	0.1224	0.1164		46.9	49.3	-4.9	25.0
Tetrachloroethene	Qua1		0.3099		66.0	50.0	31.8*	25.0
1,3-Dichloropropane	Ave	0.2197	0.2204		49.9	49.8	0.3	25.0
2-Hexanone	Lin1		0.0208			49.0	-11.2	25.0
Chlorodibromomethane	Ave	0.1156	0.1105		46.9	49.0	-4.4	25.0
Ethylene Dibromide	Ave	0.1114	0.1130		50.2	49.5	1.4	25.0
Chlorobenzene	Qua1		2.182	0.3000	50.7	50.0	1.4	25.0
1,1,1,2-Tetrachloroethane	Ave	0.6680	0.7370		54.3	49.2	10.3	25.0
Ethylbenzene	Ave	3.858	4.004		51.9	50.0	3.8	25.0
m-Xylene & p-Xylene	Ave	2.752	2.881		105	100	4.7	25.0
o-Xylene	Ave	2.378	2.618		54.5	49.5	10.1	25.0
Styrene	Lin1		1.789		51.1	49.8	2.6	25.0
Bromoform	Ave	0.2423	0.2483	0.1000	50.8	49.6	2.5	25.0
Isopropylbenzene	Lin1		2.570		48.9	50.0	-2.3	25.0
cis-1,4-Dichloro-2-butene	Lin1		0.1389			49.3	-16.0	40.0
1,1,2,2-Tetrachloroethane	Ave	0.4343	0.4217	0.3000	47.8	49.2	-2.9	25.0
Bromobenzene	Ave	0.7025	0.7068		50.1	49.8	0.6	25.0
1,2,3-Trichloropropane	Ave	0.1466	0.1414		47.5	49.3	-3.6	25.0
trans-1,4-Dichloro-2-butene	Ave	0.1207	0.1288			50.0	6.7	40.0
N-Propylbenzene	Lin1		2.909		49.5	50.0	-1.1	25.0
2-Chlorotoluene	Ave	0.5814	0.6227		53.0	49.4	7.1	25.0
1,3,5-Trimethylbenzene	Lin		2.100		52.7	49.4	6.5	25.0
4-Chlorotoluene	Ave	0.5937	0.6328		52.5	49.3	6.6	25.0
tert-Butylbenzene	Lin1		1.590		51.1	49.5	3.3	25.0
1,2,4-Trimethylbenzene	Lin1		2.103		54.0	50.0	7.9	25.0
sec-Butylbenzene	Lin1		2.015		50.1	50.0	0.2	25.0
4-Isopropyltoluene	Lin1		1.750		50.3	49.8	1.0	25.0
1,3-Dichlorobenzene	Ave	1.162	1.133		48.7	50.0	-2.5	25.0
1,4-Dichlorobenzene	Ave	1.218	1.160		47.6	50.0	-4.7	25.0
2-Ethyl-1-Hexanol	Qua1		0.0156		533	625	-14.7	40.0
n-Butylbenzene	Lin1		0.4030		50.3	50.0	0.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-82074/15 Calibration Date: 03/11/2011 00:03

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134421.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichlorobenzene	Ave	1.089	1.062		48.7	49.9	-2.5	25.0
Hexachloroethane	Ave	0.2191	0.2025		46.2	50.0	-7.5	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0778	0.0708			50.0	-9.0	25.0
1,2,4-Trichlorobenzene	Ave	0.6434	0.6376		49.2	49.6	-0.9	25.0
Hexachlorobutadiene	Ave	0.2911	0.2955		49.8	49.0	1.5	25.0
Naphthalene	Qua1		1.240		49.7	50.1	-0.7	25.0
1,2,3-Trichlorobenzene	Ave	0.5365	0.5350		50.0	50.1	-0.3	25.0
Fluorobenzene (Surr)	Ave	1.384	1.423		10.3	10.0	2.8	25.0
Trifluorotoluene (Surr)	Ave	0.5386	0.5502		10.2	10.0	2.2	25.0
Toluene-d8 (Surr)	Ave	0.9517	0.9769		10.3	10.0	2.6	25.0
Ethylbenzene-d10	Ave	1.332	1.371		10.3	10.0	2.9	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8720	0.8964		10.3	10.0	2.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82138/3 Calibration Date: 03/11/2011 11:43

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134437.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5568	0.5682		51.0	50.0	2.0	
Chloromethane	Qua1		0.1355	0.1000		50.0	-18.6	
Vinyl chloride	Ave	0.5011	0.5000		49.9	50.0	-0.2	20.0
Bromomethane	Qua2		0.0408		62.2	50.0	24.4	
Chloroethane	Qua1		0.0354			50.0	4.2	
Trichlorofluoromethane	Qua2		0.9846		48.6	50.0	-2.8	
Ethyl ether	Ave	0.3593	0.3209		223	250	-10.7	
Acrolein	Ave	0.0427	0.0419		247	252	-1.9	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4353	0.4225		48.4	49.9	-3.0	
1,1-Dichloroethene	Ave	0.4629	0.4368		47.1	50.0	-5.6	20.0
Acetone	Lin1		0.0484		236	250	-5.5	
Iodomethane	Qua1		0.2115		231	251	-8.0	
Carbon disulfide	Lin1		1.105		46.7	50.1	-6.8	
Acetonitrile	Ave	0.0771	0.0749		485	500	-2.9	
Methyl acetate	Ave	0.0557	0.0436			250	-21.7	
Methylene Chloride	Lin2		0.3756		48.2	49.9	-3.4	
t-Butyl alcohol	Ave	0.0085	0.0069		203	250	-18.7	
Methyl tert-butyl ether	Ave	1.050	1.020		48.5	50.0	-2.9	
trans-1,2-Dichloroethene	Ave	0.4910	0.4743		48.3	50.0	-3.4	
Acrylonitrile	Ave	0.0668	0.0608		228	250	-8.9	
Hexane	Lin1		0.3935		48.1	50.1	-4.0	
1,1-Dichloroethane	Ave	0.8025	0.7541	0.1000	47.0	50.0	-6.0	
Diisopropyl ether	Ave	1.154	1.142		49.5	50.0	-1.1	
Vinyl acetate	Qua1		0.0661		272	252	8.1	
Ethyl t-butyl ether	Ave	0.4753	0.4870		51.2	50.0	2.5	
2,2-Dichloropropane	Ave	0.6821	0.6898		50.6	50.0	1.1	
cis-1,2-Dichloroethene	Ave	0.4689	0.4605		49.2	50.1	-1.8	
2-Butanone	Ave	0.0054	0.0047		216	250	-13.5	
Ethyl acetate	Ave	0.0218	0.0212		245	251	-2.6	
Methacrylonitrile	Ave	0.0754	0.0716		241	253	-4.9	
Chlorobromomethane	Qua2		0.2036		46.8	50.1	-6.5	
Tetrahydrofuran	Lin1		0.0176		237	250	-5.2	
Chloroform	Ave	0.7491	0.7266		48.5	50.0	-3.0	20.0
1,1,1-Trichloroethane	Ave	0.7093	0.7175		50.6	50.0	1.2	
Cyclohexane	Lin1		0.6235		48.8	50.0	-2.4	
1,1-Dichloropropene	Ave	0.6074	0.5857		47.8	49.5	-3.6	
Carbon tetrachloride	Ave	0.6175	0.6133		49.7	50.1	-0.7	
Isobutanol	Ave	0.0029	0.0023			499	-20.1	
Benzene	Ave	1.581	1.485		46.9	50.0	-6.1	
1,2-Dichloroethane	Ave	0.5141	0.4905		47.7	50.0	-4.6	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82138/3 Calibration Date: 03/11/2011 11:43

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134437.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.8029	0.8558		53.3	50.0	6.6	
n-Butyl alcohol	Lin1		0.0010			500	-33.6	
Trichloroethene	Ave	0.3183	0.3044		47.8	50.0	-4.4	
Methylcyclohexane	Ave	0.3693	0.3698		50.0	50.0	0.1	
1,2-Dichloropropane	Ave	0.2562	0.2483		49.5	51.1	-3.1	20.0
Dibromomethane	Ave	0.1535	0.1470		48.2	50.3	-4.2	
Dichlorobromomethane	Ave	0.2982	0.2993		50.2	50.0	0.4	
2-Chloroethyl vinyl ether	Lin1		0.0951		250	252	-0.5	
cis-1,3-Dichloropropene	Ave	0.3075	0.3443		55.5	49.6	12.0	
4-Methyl-2-pentanone	Lin1		0.0292		233	250	-6.7	
Toluene	Ave	0.999	0.9715		48.6	50.0	-2.7	20.0
trans-1,3-Dichloropropene	Ave	0.2105	0.2252		54.6	51.0	7.0	
1,1,2-Trichloroethane	Ave	0.1224	0.1179		48.3	50.1	-3.7	
Tetrachloroethene	Qua1		0.2215		46.0	50.1	-8.2	
1,3-Dichloropropane	Ave	0.2197	0.2246		51.1	50.0	2.2	
2-Hexanone	Lin1		0.0221		216	250	-13.5	
Chlorodibromomethane	Ave	0.1156	0.1212		52.0	49.6	4.8	
Ethylene Dibromide	Ave	0.1114	0.1120		50.4	50.2	0.5	
Chlorobenzene	Qua1		2.132	0.3000	49.3	49.9	-1.2	
1,1,1,2-Tetrachloroethane	Ave	0.6680	0.7162		53.8	50.2	7.2	
Ethylbenzene	Ave	3.858	3.923		50.8	50.0	1.7	20.0
m-Xylene & p-Xylene	Ave	2.752	2.837		103	100	3.1	
o-Xylene	Ave	2.378	2.558		53.9	50.0	7.6	
Styrene	Lin1		1.782		51.3	50.2	2.1	
Bromoform	Ave	0.2423	0.2527	0.1000	52.9	50.8	4.3	
Isopropylbenzene	Lin1		2.747		52.2	50.0	4.4	
cis-1,4-Dichloro-2-butene	Lin1		0.1599		236	250	-5.9	
1,1,2,2-Tetrachloroethane	Ave	0.4343	0.4085	0.3000	47.1	50.1	-5.9	
Bromobenzene	Ave	0.7025	0.6664		47.8	50.4	-5.1	
1,2,3-Trichloropropane	Ave	0.1466	0.1429		49.2	50.5	-2.6	
trans-1,4-Dichloro-2-butene	Ave	0.1207	0.1236		256	250	2.4	
N-Propylbenzene	Lin1		3.066		52.1	50.0	4.3	
2-Chlorotoluene	Ave	0.5814	0.6204		53.6	50.2	6.7	
1,3,5-Trimethylbenzene	Lin		2.049		52.0	50.0	3.9	
4-Chlorotoluene	Ave	0.5937	0.6134		51.8	50.1	3.3	
tert-Butylbenzene	Lin1		1.581		51.3	50.0	2.7	
1,2,4-Trimethylbenzene	Lin1		1.990		51.3	50.3	2.1	
sec-Butylbenzene	Lin1		2.074		51.6	50.1	3.1	
4-Isopropyltoluene	Lin1		1.783		51.4	50.0	2.9	
1,3-Dichlorobenzene	Ave	1.162	1.153		49.6	50.0	-0.8	
1,4-Dichlorobenzene	Ave	1.218	1.154		47.3	50.0	-5.3	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82138/3 Calibration Date: 03/11/2011 11:43

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134437.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Ethyl-1-Hexanol	Qua1		0.0175		1080	1250	-13.9	
n-Butylbenzene	Lin1		0.4092		51.1	50.0	2.1	
1,2-Dichlorobenzene	Ave	1.089	1.044		47.9	50.0	-4.2	
Hexachloroethane	Ave	0.2191	0.2307		52.8	50.2	5.3	
1,2-Dibromo-3-Chloropropane	Ave	0.0778	0.0753			50.2	-3.1	
1,3,5-Trichlorobenzene	Lin1		0.7200		49.8	50.0	-0.4	
1,2,4-Trichlorobenzene	Ave	0.6434	0.6203		47.9	49.6	-3.6	
Hexachlorobutadiene	Ave	0.2911	0.2872		49.3	50.0	-1.4	
Naphthalene	Qua1		1.161		46.7	50.1	-6.7	
1,2,3-Trichlorobenzene	Ave	0.5365	0.5395		49.9	49.6	0.6	
Fluorobenzene (Surr)	Ave	1.384	1.400		10.1	10.0	1.2	
Trifluorotoluene (Surr)	Ave	0.5386	0.5257		48.8	50.0	-2.4	
Toluene-d8 (Surr)	Ave	0.9517	0.9610		10.1	10.0	1.0	
Ethylbenzene-d10	Ave	1.332	1.408		10.6	10.0	5.7	
4-Bromofluorobenzene (Surr)	Ave	0.8720	0.9069		10.4	10.0	4.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82177/2 Calibration Date: 03/13/2011 11:45

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134509.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5568	0.5068		45.5	50.0	-9.0	
Chloromethane	Qua1		0.2120	0.1000		50.0	21.1	
Vinyl chloride	Ave	0.5011	0.4524		45.1	50.0	-9.7	20.0
Bromomethane	Qua2		0.0163			50.0	-33.9	
Chloroethane	Qua1		0.0291			50.0	-15.3	
Trichlorofluoromethane	Qua2		0.9638		47.5	50.0	-5.0	
Ethyl ether	Ave	0.3593	0.3511		245	250	-2.3	
Acrolein	Ave	0.0427	0.0327		193	252	-23.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4353	0.4054		46.4	49.9	-6.9	
1,1-Dichloroethene	Ave	0.4629	0.4260		46.0	50.0	-8.0	20.0
Acetone	Lin1		0.0638		312	250	25.0	
Iodomethane	Qua1		0.1476		177	251	-29.6	
Carbon disulfide	Lin1		1.118		47.2	50.1	-5.6	
Acetonitrile	Ave	0.0771	0.0712		462	500	-7.5	
Methyl acetate	Ave	0.0557	0.0647		291	250	16.1	
Methylene Chloride	Lin2		0.3725		47.8	49.9	-4.2	
t-Butyl alcohol	Ave	0.0085	0.0090		264	250	5.6	
Methyl tert-butyl ether	Ave	1.050	1.066		50.7	50.0	1.5	
trans-1,2-Dichloroethene	Ave	0.4910	0.4390		44.7	50.0	-10.6	
Acrylonitrile	Ave	0.0668	0.0703		264	250	5.3	
Hexane	Lin1		0.3110		38.0	50.1	-24.2	
1,1-Dichloroethane	Ave	0.8025	0.7356	0.1000	45.8	50.0	-8.3	
Diisopropyl ether	Ave	1.154	1.150		49.8	50.0	-0.4	
Vinyl acetate	Qua1		0.0292		125	252	-50.5	
Ethyl t-butyl ether	Ave	0.4753	0.4962		52.2	50.0	4.4	
2,2-Dichloropropane	Ave	0.6821	0.4848		35.5	50.0	-28.9	
cis-1,2-Dichloroethene	Ave	0.4689	0.4414		47.2	50.1	-5.9	
2-Butanone	Ave	0.0054	0.0062		286	250	14.2	
Ethyl acetate	Ave	0.0218	0.0245		283	251	12.6	
Methacrylonitrile	Ave	0.0754	0.0908		305	253	20.5	
Chlorobromomethane	Qua2		0.2211		51.2	50.1	2.3	
Tetrahydrofuran	Lin1		0.0228		308	250	22.9	
Chloroform	Ave	0.7491	0.7499		50.1	50.0	0.1	20.0
1,1,1-Trichloroethane	Ave	0.7093	0.7320		51.6	50.0	3.2	
Cyclohexane	Lin1		0.5819		45.5	50.0	-9.0	
1,1-Dichloropropene	Ave	0.6074	0.5868		47.8	49.5	-3.4	
Carbon tetrachloride	Ave	0.6175	0.6203		50.3	50.1	0.5	
Isobutanol	Ave	0.0029	0.0025			499	-13.6	
Benzene	Ave	1.581	1.544		48.8	50.0	-2.3	
1,2-Dichloroethane	Ave	0.5141	0.5533		53.8	50.0	7.6	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82177/2 Calibration Date: 03/13/2011 11:45

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134509.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.8029	0.9220		57.4	50.0	14.8	
n-Butyl alcohol	Lin1		0.0011			500	-31.1	
Trichloroethene	Ave	0.3183	0.3160		49.6	50.0	-0.7	
Methylcyclohexane	Ave	0.3693	0.3329		45.0	50.0	-9.9	
1,2-Dichloropropane	Ave	0.2562	0.2540		50.7	51.1	-0.8	20.0
Dibromomethane	Ave	0.1535	0.1673		54.8	50.3	9.0	
Dichlorobromomethane	Ave	0.2982	0.3400		57.1	50.0	14.0	
2-Chloroethyl vinyl ether	Lin1		0.1092		287	252	14.2	
cis-1,3-Dichloropropene	Ave	0.3075	0.3481		56.2	49.6	13.2	
4-Methyl-2-pentanone	Lin1		0.0324		258	250	3.4	
Toluene	Ave	0.999	1.012		50.6	50.0	1.3	20.0
trans-1,3-Dichloropropene	Ave	0.2105	0.2445		59.2	51.0	16.2	
1,1,2-Trichloroethane	Ave	0.1224	0.1369		56.0	50.1	11.8	
Tetrachloroethene	Qua1		0.3811		83.0	50.1	65.7	
1,3-Dichloropropane	Ave	0.2197	0.2576		58.6	50.0	17.3	
2-Hexanone	Lin1		0.0232		227	250	-9.3	
Chlorodibromomethane	Ave	0.1156	0.1403		60.2	49.6	21.3	
Ethylene Dibromide	Ave	0.1114	0.1265		56.9	50.2	13.5	
Chlorobenzene	Qua1		2.501	0.3000	58.8	49.9	17.9	
1,1,1,2-Tetrachloroethane	Ave	0.6680	0.8805		66.1	50.2	31.8	
Ethylbenzene	Ave	3.858	4.526		58.6	50.0	17.3	20.0
m-Xylene & p-Xylene	Ave	2.752	3.253		118	100	18.2	
o-Xylene	Ave	2.378	2.855		60.1	50.0	20.1	
Styrene	Lin1		1.963		56.5	50.2	12.5	
Bromoform	Ave	0.2423	0.2776	0.1000	58.1	50.8	14.6	
Isopropylbenzene	Lin1		3.059		58.1	50.0	16.2	
cis-1,4-Dichloro-2-butene	Lin1		0.1612		237	250	-5.1	
1,1,2,2-Tetrachloroethane	Ave	0.4343	0.4214	0.3000	48.6	50.1	-3.0	
Bromobenzene	Ave	0.7025	0.7151		51.3	50.4	1.8	
1,2,3-Trichloropropane	Ave	0.1466	0.1484		51.1	50.5	1.2	
trans-1,4-Dichloro-2-butene	Ave	0.1207	0.1185		246	250	-1.8	
N-Propylbenzene	Lin1		3.322		56.5	50.0	13.0	
2-Chlorotoluene	Ave	0.5814	0.6316		54.6	50.2	8.6	
1,3,5-Trimethylbenzene	Lin		2.138		54.3	50.0	8.4	
4-Chlorotoluene	Ave	0.5937	0.6498		54.9	50.1	9.5	
tert-Butylbenzene	Lin1		1.699		55.1	50.0	10.3	
1,2,4-Trimethylbenzene	Lin1		2.055		53.0	50.3	5.4	
sec-Butylbenzene	Lin1		2.028		50.5	50.1	0.9	
4-Isopropyltoluene	Lin1		1.713		49.4	50.0	-1.1	
1,3-Dichlorobenzene	Ave	1.162	1.135		48.9	50.0	-2.3	
1,4-Dichlorobenzene	Ave	1.218	1.151		47.2	50.0	-5.5	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82177/2 Calibration Date: 03/13/2011 11:45

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134509.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Ethyl-1-Hexanol	Qua1		0.0167		1030	1250	-17.5	
n-Butylbenzene	Lin1		0.3618		45.2	50.0	-9.7	
1,2-Dichlorobenzene	Ave	1.089	1.025		47.1	50.0	-5.9	
Hexachloroethane	Ave	0.2191	0.2163		49.5	50.2	-1.3	
1,2-Dibromo-3-Chloropropane	Ave	0.0778	0.0752			50.2	-3.3	
1,3,5-Trichlorobenzene	Lin1		0.6309		43.6	50.0	-12.7	
1,2,4-Trichlorobenzene	Ave	0.6434	0.5497		42.4	49.6	-14.6	
Hexachlorobutadiene	Ave	0.2911	0.2383		40.9	50.0	-18.2	
Naphthalene	Qua1		1.115		45.0	50.1	-10.2	
1,2,3-Trichlorobenzene	Ave	0.5365	0.5060		46.8	49.6	-5.7	
Fluorobenzene (Surr)	Ave	1.384	1.415		10.2	10.0	2.3	
Trifluorotoluene (Surr)	Ave	0.5386	0.5028		46.7	50.0	-6.6	
Toluene-d8 (Surr)	Ave	0.9517	0.9821		10.3	10.0	3.2	
Ethylbenzene-d10	Ave	1.332	1.563		11.7	10.0	17.3	
4-Bromofluorobenzene (Surr)	Ave	0.8720	0.9632		11.1	10.0	10.5	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82103/1-A

Matrix: Solid | Lab File ID: VB00134443.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/11/2011 13:18

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		40	10
74-87-3	Chloromethane	ND		400	100
75-01-4	Vinyl chloride	ND		8.0	2.0
74-83-9	Bromomethane	ND		140	35
75-00-3	Chloroethane	ND		400	100
75-69-4	Trichlorofluoromethane	ND		40	10
75-35-4	1,1-Dichloroethene	ND		20	5.0
75-09-2	Methylene Chloride	ND		40	10
156-60-5	trans-1,2-Dichloroethene	ND		40	10
75-34-3	1,1-Dichloroethane	ND		40	10
594-20-7	2,2-Dichloropropane	ND		40	10
156-59-2	cis-1,2-Dichloroethene	ND		40	10
74-97-5	Chlorobromomethane	ND		40	12
67-66-3	Chloroform	ND		40	10
71-55-6	1,1,1-Trichloroethane	ND		40	10
56-23-5	Carbon tetrachloride	ND		20	5.0
563-58-6	1,1-Dichloropropene	ND		40	10
71-43-2	Benzene	ND		16	4.0
107-06-2	1,2-Dichloroethane	ND		40	10
79-01-6	Trichloroethene	ND		16	4.0
78-87-5	1,2-Dichloropropane	ND		12	3.9
74-95-3	Dibromomethane	ND		40	10
75-27-4	Dichlorobromomethane	ND		40	10
10061-01-5	cis-1,3-Dichloropropene	ND		16	4.0
108-88-3	Toluene	ND		40	10
10061-02-6	trans-1,3-Dichloropropene	ND		16	4.0
79-00-5	1,1,2-Trichloroethane	ND		12	3.0
127-18-4	Tetrachloroethene	8.95	J	20	5.0
142-28-9	1,3-Dichloropropane	ND		40	10
124-48-1	Chlorodibromomethane	ND		40	10
106-93-4	Ethylene Dibromide	ND		40	10
108-90-7	Chlorobenzene	ND		40	10
100-41-4	Ethylbenzene	ND		40	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		40	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82103/1-A

Matrix: Solid | Lab File ID: VB00134443.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/11/2011 13:18

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		40	10
95-47-6	o-Xylene	ND		40	10
100-42-5	Styrene	ND		40	10
75-25-2	Bromoform	ND		40	11
98-82-8	Isopropylbenzene	ND		40	10
108-86-1	Bromobenzene	ND		40	10
103-65-1	N-Propylbenzene	ND		40	10
96-18-4	1,2,3-Trichloropropane	ND		40	12
95-49-8	2-Chlorotoluene	ND		40	10
108-67-8	1,3,5-Trimethylbenzene	ND		40	10
106-43-4	4-Chlorotoluene	ND		40	13
98-06-6	tert-Butylbenzene	ND		40	10
95-63-6	1,2,4-Trimethylbenzene	ND		40	10
135-98-8	sec-Butylbenzene	ND		40	10
541-73-1	1,3-Dichlorobenzene	ND		40	10
99-87-6	4-Isopropyltoluene	10.7	J	40	10
106-46-7	1,4-Dichlorobenzene	ND		40	10
104-51-8	n-Butylbenzene	13.4	J	40	10
95-50-1	1,2-Dichlorobenzene	ND		40	10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	66
120-82-1	1,2,4-Trichlorobenzene	ND		40	10
87-61-6	1,2,3-Trichlorobenzene	ND		40	10
87-68-3	Hexachlorobutadiene	28.2	J	40	10
91-20-3	Naphthalene	ND		40	10
1634-04-4	Methyl tert-butyl ether	ND		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	95		85-115
25837-05-2	Ethylbenzene-d10	112		75-125
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
98-08-8	Trifluorotoluene (Surr)	106		75-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82103/1-A

Matrix: Solid | Lab File ID: VB00134513.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:13

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		40	10
74-87-3	Chloromethane	ND		400	100
75-01-4	Vinyl chloride	ND		8.0	2.0
74-83-9	Bromomethane	ND		140	35
75-00-3	Chloroethane	ND		400	100
75-69-4	Trichlorofluoromethane	ND		40	10
75-35-4	1,1-Dichloroethene	ND		20	5.0
75-09-2	Methylene Chloride	ND		40	10
156-60-5	trans-1,2-Dichloroethene	ND		40	10
75-34-3	1,1-Dichloroethane	ND		40	10
594-20-7	2,2-Dichloropropane	ND		40	10
156-59-2	cis-1,2-Dichloroethene	ND		40	10
74-97-5	Chlorobromomethane	ND		40	12
67-66-3	Chloroform	ND		40	10
71-55-6	1,1,1-Trichloroethane	ND		40	10
56-23-5	Carbon tetrachloride	ND		20	5.0
563-58-6	1,1-Dichloropropene	ND		40	10
71-43-2	Benzene	ND		16	4.0
107-06-2	1,2-Dichloroethane	ND		40	10
79-01-6	Trichloroethene	ND		16	4.0
78-87-5	1,2-Dichloropropane	ND		12	3.9
74-95-3	Dibromomethane	ND		40	10
75-27-4	Dichlorobromomethane	ND		40	10
10061-01-5	cis-1,3-Dichloropropene	ND		16	4.0
108-88-3	Toluene	ND		40	10
10061-02-6	trans-1,3-Dichloropropene	ND		16	4.0
79-00-5	1,1,2-Trichloroethane	ND		12	3.0
127-18-4	Tetrachloroethene	ND		20	5.0
142-28-9	1,3-Dichloropropane	ND		40	10
124-48-1	Chlorodibromomethane	ND		40	10
106-93-4	Ethylene Dibromide	ND		40	10
108-90-7	Chlorobenzene	ND		40	10
100-41-4	Ethylbenzene	ND		40	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		40	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82103/1-A

Matrix: Solid | Lab File ID: VB00134513.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:13

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		40	10
95-47-6	o-Xylene	ND		40	10
100-42-5	Styrene	ND		40	10
75-25-2	Bromoform	ND		40	11
98-82-8	Isopropylbenzene	ND		40	10
108-86-1	Bromobenzene	ND		40	10
103-65-1	N-Propylbenzene	ND		40	10
96-18-4	1,2,3-Trichloropropane	ND		40	12
95-49-8	2-Chlorotoluene	ND		40	10
108-67-8	1,3,5-Trimethylbenzene	ND		40	10
106-43-4	4-Chlorotoluene	ND		40	13
98-06-6	tert-Butylbenzene	ND		40	10
95-63-6	1,2,4-Trimethylbenzene	ND		40	10
135-98-8	sec-Butylbenzene	ND		40	10
541-73-1	1,3-Dichlorobenzene	ND		40	10
99-87-6	4-Isopropyltoluene	ND		40	10
106-46-7	1,4-Dichlorobenzene	ND		40	10
104-51-8	n-Butylbenzene	ND		40	10
95-50-1	1,2-Dichlorobenzene	ND		40	10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	66
120-82-1	1,2,4-Trichlorobenzene	ND		40	10
87-61-6	1,2,3-Trichlorobenzene	ND		40	10
87-68-3	Hexachlorobutadiene	ND		40	10
91-20-3	Naphthalene	ND		40	10
1634-04-4	Methyl tert-butyl ether	ND		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120
98-08-8	Trifluorotoluene (Surr)	106		75-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82103/2-A

Matrix: Solid | Lab File ID: VB00134445.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/11/2011 13:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82138 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	813		20	5.0
71-43-2	Benzene	822		16	4.0
79-01-6	Trichloroethene	834		16	4.0
108-88-3	Toluene	790		40	10
108-90-7	Chlorobenzene	991		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	95		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120
98-08-8	Trifluorotoluene (Surr)	104		75-125

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Start Date: 03/10/2011 18:49

Analysis Batch Number: 82074 End Date: 03/11/2011 00:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-82074/2		03/10/2011 18:49	1	VB00134395.D	ZB-624short 0.18(mm)
STD02 580-82074/3 IC		03/10/2011 19:13	1	VB00134397.D	ZB-624short 0.18(mm)
STD1 580-82074/4 IC		03/10/2011 19:37	1	VB00134399.D	ZB-624short 0.18(mm)
STD2 580-82074/5 IC		03/10/2011 20:01	1	VB00134401.D	ZB-624short 0.18(mm)
STD5 580-82074/6 IC		03/10/2011 20:25	1	VB00134403.D	ZB-624short 0.18(mm)
STD10 580-82074/7 IC		03/10/2011 20:50	1	VB00134405.D	ZB-624short 0.18(mm)
STD20 580-82074/8 IC		03/10/2011 21:14	1	VB00134407.D	ZB-624short 0.18(mm)
STD50 580-82074/9 ICIS		03/10/2011 21:38	1	VB00134409.D	ZB-624short 0.18(mm)
STD100 580-82074/10 IC		03/10/2011 22:02	1	VB00134411.D	ZB-624short 0.18(mm)
STD150 580-82074/11 IC		03/10/2011 22:26	1	VB00134413.D	ZB-624short 0.18(mm)
STD200 580-82074/12 IC		03/10/2011 22:50	1	VB00134415.D	ZB-624short 0.18(mm)
ZZZZZ		03/10/2011 23:15	1		ZB-624short 0.18(mm)
ICV 580-82074/14		03/10/2011 23:39	1		ZB-624short 0.18(mm)
ICV 580-82074/15		03/11/2011 00:03	1	VB00134421.D	ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 00:27	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 00:51	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Start Date: 03/11/2011 10:20

Analysis Batch Number: 82138 End Date: 03/12/2011 00:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/11/2011 10:20	1		ZB-624short 0.18(mm)
BFB 580-82138/2		03/11/2011 10:45	1	VB00134435.D	ZB-624short 0.18(mm)
CCVIS 580-82138/3		03/11/2011 11:43	1	VB00134437.D	ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 12:08	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 12:32	1		ZB-624short 0.18(mm)
MB 580-82103/1-A		03/11/2011 13:18	1	VB00134443.D	ZB-624short 0.18(mm)
LCS 580-82103/2-A		03/11/2011 13:43	1	VB00134445.D	ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 14:07	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 14:31	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 14:56	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 15:20	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 15:44	1		ZB-624short 0.18(mm)
580-24912-1	YK-MW-1 (0-1)	03/11/2011 16:45	1	VB00134453.D	ZB-624short 0.18(mm)
580-24912-2	YK-MW-1 (4-5)	03/11/2011 17:09	1	VB00134454.D	ZB-624short 0.18(mm)
580-24912-3	YK-MW-1 (4-5) Dup	03/11/2011 17:33	1	VB00134455.D	ZB-624short 0.18(mm)
580-24912-4	YK-MW-2 (0-1)	03/11/2011 17:58	1	VB00134456.D	ZB-624short 0.18(mm)
580-24912-5	YK-MW-2 (4-5)	03/11/2011 18:22	1	VB00134457.D	ZB-624short 0.18(mm)
580-24912-6	YK-MW-3 (0-1)	03/11/2011 18:46	1	VB00134458.D	ZB-624short 0.18(mm)
580-24912-7	YK-MW-31 (0-1)	03/11/2011 19:10	1	VB00134459.D	ZB-624short 0.18(mm)
580-24912-8	YK-MW-3 (4-5)	03/11/2011 19:34	1	VB00134460.D	ZB-624short 0.18(mm)
580-24912-9	YK-MW-4 (0-1)	03/11/2011 19:58	1	VB00134461.D	ZB-624short 0.18(mm)
580-24912-10	YK-MW-4 (4-5)	03/11/2011 20:23	1	VB00134462.D	ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 20:47	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 21:11	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 21:35	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 21:59	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 22:24	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 22:48	1000		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 23:12	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 23:36	1		ZB-624short 0.18(mm)
ZZZZZ		03/12/2011 00:00	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC043 Start Date: 03/13/2011 11:22

Analysis Batch Number: 82177 End Date: 03/13/2011 23:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-82177/1		03/13/2011 11:22	1	VB00134508.D	ZB-624short 0.18(mm)
CCVIS 580-82177/2		03/13/2011 11:45	1	VB00134509.D	ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 12:07	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 12:29	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 12:51	1		ZB-624short 0.18(mm)
MB 580-82103/1-A		03/13/2011 13:13	1	VB00134513.D	ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 13:35	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 13:57	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 14:20	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 14:42	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 15:04	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 15:26	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 15:48	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 16:10	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 16:32	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 16:54	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 17:17	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 17:39	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 18:01	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 18:23	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 18:45	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 19:07	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 19:29	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 19:51	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 20:14	1		ZB-624short 0.18(mm)
580-24912-11 RA	YK-SB5 (0-1) RA	03/13/2011 20:36	1	VB00134533.D	ZB-624short 0.18(mm)
580-24912-12 RA	YK-SB05 (5-6) RA	03/13/2011 20:58	1	VB00134534.D	ZB-624short 0.18(mm)
580-24912-13 RA	YK-SB09 (0-1) RA	03/13/2011 21:20	1	VB00134535.D	ZB-624short 0.18(mm)
580-24912-14 RA	YK-SB09 D(0-1) RA	03/13/2011 21:43	1	VB00134536.D	ZB-624short 0.18(mm)
580-24912-15 RA	YK-SB09 (4-5) RA	03/13/2011 22:05	1	VB00134537.D	ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 22:27	5000		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 22:49	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 23:11	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 23:33	1		ZB-624short 0.18(mm)

GC/MS VOA Worksheet

Batch Number: 580-82103
Method: 5035
Analyst: Ryan, Tiffany

Date Open: Mar 11 2011 10:16AM
Batch End: Mar 11 2011 3:52PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Baked Sand_00006	V-4TFT-EX_00030	V_LCS_SL_50_00004
MB~580-82103/1		5035, 8260B		10 g	400 mL	10 g	10 mL	
LCS~580-82103/2		5035, 8260B		10 g	400 mL	10 g	10 mL	160 uL
580-24698-A-1			T	10.074 g	400 mL		10 mL	
580-24899-A-1			T	10.644 g	400 mL		10 mL	
580-24899-A-1~MS			T	10.296 g	400 mL		10 mL	160 uL
580-24899-A-1~MSD			T	10.856 g	400 mL		10 mL	160 uL
580-24867-A-1			T	1.072 g	400 mL		10 mL	
580-24912-D-1	YK-MW-1 (0-1)	5035, 8260B	T	15.68 g	400 mL			
580-24912-D-2	YK-MW-1 (4-5)	5035, 8260B	T	14.89 g	400 mL			
580-24912-D-3	YK-MW-1 (4-5) Dup	5035, 8260B	T	16.71 g	400 mL			
580-24912-D-4	YK-MW-2 (0-1)	5035, 8260B	T	18.81 g	400 mL			
580-24912-D-5	YK-MW-2 (4-5)	5035, 8260B	T	13.57 g	400 mL			
580-24912-D-6	YK-MW-3 (0-1)	5035, 8260B	T	16.64 g	400 mL			
580-24912-D-7	YK-MW-31 (0-1)	5035, 8260B	T	16.95 g	400 mL			
580-24912-D-8	YK-MW-3 (4-5)	5035, 8260B	T	19.55 g	400 mL			
580-24912-D-9	YK-MW-4 (0-1)	5035, 8260B	T	18.75 g	400 mL			
580-24912-D-10	YK-MW-4 (4-5)	5035, 8260B	T	19.22 g	400 mL			
580-24912-D-11	YK-SB5 (0-1)	5035, 8260B	T	21.01 g	400 mL			
580-24912-D-12	YK-SB05 (5-6)	5035, 8260B	T	17.89 g	400 mL			
580-24912-D-13	YK-SB09 (0-1)	5035, 8260B	T	17.36 g	400 mL			
580-24912-D-14	YK-SB09 D(0-1)	5035, 8260B	T	17.77 g	400 mL			
580-24912-D-15	YK-SB09 (4-5)	5035, 8260B	T	19.52 g	400 mL			

Balance ID: SEA210
Methanol Lot Number: See reagents

GC/MS VOA Worksheet

Batch Number: 580-82103
Method: 5035
Analyst: Ryan, Tiffany

Date Open: Mar 11 2011 10:16AM
Batch End: Mar 11 2011 3:52PM

Lab ID	Client ID	Method Chain	Basis	Comments Analysis comment
MB~580-82103/1		5035, 8260B		
LCS~580-82103/2		5035, 8260B		
580-24698-A-1			T	
580-24899-A-1			T	
580-24899-A-1~MS			T	
580-24899-A-1~MSD			T	
580-24867-A-1			T	
580-24912-D-1	YK-MW-1 (0-1)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-2	YK-MW-1 (4-5)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-3	YK-MW-1 (4-5) Dup	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-4	YK-MW-2 (0-1)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-5	YK-MW-2 (4-5)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-6	YK-MW-3 (0-1)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-7	YK-MW-31 (0-1)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-8	YK-MW-3 (4-5)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-9	YK-MW-4 (0-1)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-10	YK-MW-4 (4-5)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-11	YK-SB5 (0-1)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-12	YK-SB05 (5-6)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-13	YK-SB09 (0-1)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-14	YK-SB09 D(0-1)	5035, 8260B	T	ESS MeOH LOT DB322
580-24912-D-15	YK-SB09 (4-5)	5035, 8260B	T	ESS MeOH LOT DB322

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
YK-MW-1 (0-1)	580-24912-1	90	89	91	83	80	75
YK-MW-1 (4-5)	580-24912-2	87	87	82	71	67	64
YK-MW-1 (4-5) Dup	580-24912-3	88	89	92	74	72	67
YK-MW-2 (0-1)	580-24912-4	94	91	89	71	79	66
YK-MW-2 (4-5)	580-24912-5	96	94	93	78	75	71
YK-MW-3 (0-1)	580-24912-6	92	91	91	85	81	74
YK-MW-31 (0-1)	580-24912-7	89	85	90	54	76	62
YK-MW-3 (4-5)	580-24912-8	95	95	91	73	71	66
YK-MW-4 (0-1)	580-24912-9	92	80	90	81	86	63
YK-MW-4 (4-5)	580-24912-10	89	95	89	66	76	70
YK-SB5 (0-1)	580-24912-11	88	89	81	51	64	54
YK-SB05 (5-6)	580-24912-12	90	93	83	59	59	58
YK-SB09 (0-1)	580-24912-13	88	82	82	73	66	62
YK-SB09 D(0-1)	580-24912-14	88	90	88	85	75	71
YK-SB09 (4-5)	580-24912-15	88	85	88	72	75	66
	MB 580-82124/1-A	95	90	91	90	64	73
	LCS 580-82124/2-A	85	85	86	82	80	68
YK-SB09 (4-5) MS	580-24912-15 MS	82	84	82	64	78	52
YK-SB09 (4-5) MSD	580-24912-15 MSD	93	89	88	71	81	53

	QC LIMITS
2FP = 2-Fluorophenol	36-145
PHL = Phenol-d5	38-149
NBZ = Nitrobenzene-d5	38-141
FBP = 2-Fluorobiphenyl	42-140
TBP = 2,4,6-Tribromophenol	28-143
TPH = Terphenyl-d14	42-151

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024461.D

Lab ID: LCS 580-82124/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	986	933	95	66-126	
Bis(2-chloroethyl)ether	1000	745	74	57-122	
2-Chlorophenol	1000	897	89	65-125	
1,3-Dichlorobenzene	999	867	87	64-124	
1,4-Dichlorobenzene	1000	902	90	62-132	
Benzyl alcohol	1000	647	65	42-147	
1,2-Dichlorobenzene	999	856	86	68-118	
2-Methylphenol	1000	893	89	56-121	
3 & 4 Methylphenol	1010	1060	105	61-126	
N-Nitrosodi-n-propylamine	995	919	92	52-127	
Hexachloroethane	1000	825	83	56-131	
Nitrobenzene	1000	1090	109	59-134	
Isophorone	1000	1140	114	53-118	
2-Nitrophenol	1020	837	82	58-128	
2,4-Dimethylphenol	982	860	88	58-133	
Benzoic acid	5010	2660	53	10-130	
Bis(2-chloroethoxy)methane	1000	844	84	63-128	
2,4-Dichlorophenol	983	801	82	59-124	
1,2,4-Trichlorobenzene	1010	865	86	63-128	
Naphthalene	987	881	89	64-129	
4-Chloroaniline	1010	553	55	20-181	
Hexachlorobutadiene	1010	860	85	59-134	
4-Chloro-3-methylphenol	1010	871	86	58-128	
2-Methylnaphthalene	1010	950	94	65-125	
Hexachlorocyclopentadiene	999	759	76	30-132	
2,4,6-Trichlorophenol	1000	830	83	66-131	
2,4,5-Trichlorophenol	1000	971	97	64-124	
2-Chloronaphthalene	1000	895	90	69-129	
2-Nitroaniline	1010	863	86	58-133	
Dimethyl phthalate	1010	898	89	65-125	
Acenaphthylene	990	940	95	69-129	
2,6-Dinitrotoluene	1000	1080	108	65-125	
3-Nitroaniline	1000	800	80	80-165	
Acenaphthene	988	849	86	65-130	
2,4-Dinitrophenol	4990	3310	66	53-168	
4-Nitrophenol	4970	4220	85	47-172	
Dibenzofuran	1000	878	87	70-125	
2,4-Dinitrotoluene	1000	1110	110	57-122	
Diethyl phthalate	1000	887	89	64-129	
4-Chlorophenyl phenyl ether	1000	864	86	65-130	
Fluorene	996	876	88	68-128	
4-Nitroaniline	1000	963	96	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024461.D

Lab ID: LCS 580-82124/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	5030	3210	64	38-143	
N-Nitrosodiphenylamine	998	919	92	88-153	
4-Bromophenyl phenyl ether	1000	845	84	64-134	
Hexachlorobenzene	1000	816	81	61-136	
Pentachlorophenol	984	785	80	29-124	
Phenanthrene	997	840	84	65-125	
Anthracene	994	893	90	73-123	
Di-n-butyl phthalate	1000	827	83	69-124	
Fluoranthene	996	880	88	61-121	
Pyrene	1000	833	83	54-134	
Butyl benzyl phthalate	1000	854	85	65-140	
3,3'-Dichlorobenzidine	2000	1590	80	73-163	
Benzo[a]anthracene	991	825	83	64-124	
Chrysene	991	829	84	71-126	
Bis(2-ethylhexyl) phthalate	1010	837 J	83	64-144	
Di-n-octyl phthalate	1000	786	78	58-148	
Benzo[a]pyrene	990	850	86	68-128	
Indeno[1,2,3-cd]pyrene	997	867	87	59-139	
Dibenz(a,h)anthracene	999	901	90	57-142	
Benzo[g,h,i]perylene	992	807	81	57-142	
Carbazole	1000	925	92	88-158	
1-Methylnaphthalene	994	883	89	48-148	
Benzo[b]fluoranthene	989	776	78	66-136	
Benzo[k]fluoranthene	988	836	85	63-143	
2,2'-oxybis[1-chloropropane]	999	919	92	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024464.D

Lab ID: 580-24912-15 MS Client ID: YK-SB09 (4-5) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	1240	ND	1040	84	66-126	
Bis(2-chloroethyl)ether	1260	ND	902	72	57-122	
2-Chlorophenol	1260	ND	1030	82	65-125	
1,3-Dichlorobenzene	1250	ND	984	79	64-124	
1,4-Dichlorobenzene	1260	ND	1010	81	62-132	
Benzyl alcohol	1250	ND	709	56	42-147	
1,2-Dichlorobenzene	1250	ND	1000	80	68-118	
2-Methylphenol	1260	ND	1060	84	56-121	
3 & 4 Methylphenol	1270	ND	1170	93	61-126	
N-Nitrosodi-n-propylamine	1250	ND	1140	91	52-127	
Hexachloroethane	1250	ND	918	73	56-131	
Nitrobenzene	1260	ND	1310	104	59-134	
Isophorone	1260	ND	1240	98	53-118	
2-Nitrophenol	1280	ND	939	74	58-128	
2,4-Dimethylphenol	1230	ND	896	73	58-133	
Benzoic acid	6280	ND	ND	0	10-130	F
Bis(2-chloroethoxy)methane	1260	ND	988	79	63-128	
2,4-Dichlorophenol	1230	ND	885	72	59-124	
1,2,4-Trichlorobenzene	1260	ND	908	72	63-128	
Naphthalene	1240	ND	953	77	64-129	
4-Chloroaniline	1270	ND	870	69	20-181	
Hexachlorobutadiene	1270	ND	865	68	59-134	
4-Chloro-3-methylphenol	1260	ND	988	78	58-128	
2-Methylnaphthalene	1270	ND	940	74	65-125	
Hexachlorocyclopentadiene	1250	ND	676	54	30-132	
2,4,6-Trichlorophenol	1260	ND	995	79	66-131	
2,4,5-Trichlorophenol	1260	ND	1120	89	64-124	
2-Chloronaphthalene	1250	ND	919	73	69-129	
2-Nitroaniline	1270	ND	998	79	58-133	
Dimethyl phthalate	1260	ND	986	78	65-125	
Acenaphthylene	1240	ND	952	77	69-129	
2,6-Dinitrotoluene	1250	ND	1190	95	65-125	
3-Nitroaniline	1260	ND	983	78	80-165	F
Acenaphthene	1240	ND	853	69	65-130	
2,4-Dinitrophenol	6260	ND	1140 J	18	53-168	F
4-Nitrophenol	6230	ND	4800	77	47-172	
Dibenzofuran	1260	ND	892	71	70-125	
2,4-Dinitrotoluene	1260	ND	1160	92	57-122	
Diethyl phthalate	1250	ND	917	73	64-129	
4-Chlorophenyl phenyl ether	1260	ND	834	66	65-130	
Fluorene	1250	ND	881	71	68-128	
4-Nitroaniline	1250	ND	1170	93	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024464.D

Lab ID: 580-24912-15 MS Client ID: YK-SB09 (4-5) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	6310	ND	2790	44	38-143	
N-Nitrosodiphenylamine	1250	ND	938	75	88-153	F
4-Bromophenyl phenyl ether	1250	ND	827	66	64-134	
Hexachlorobenzene	1260	ND	766	61	61-136	
Pentachlorophenol	1230	ND	832	67	29-124	
Phenanthrene	1250	ND	845	68	65-125	
Anthracene	1250	ND	886	71	73-123	F
Di-n-butyl phthalate	1260	ND	813	65	69-124	F
Fluoranthene	1250	ND	848	68	61-121	
Pyrene	1260	ND	854	68	54-134	
Butyl benzyl phthalate	1260	ND	830	66	65-140	
3,3'-Dichlorobenzidine	2510	ND	1710	68	73-163	F
Benzo[a]anthracene	1240	ND	795	64	64-124	
Chrysene	1240	ND	791	64	71-126	F
Bis(2-ethylhexyl) phthalate	1260	ND	825 J	65	64-144	
Di-n-octyl phthalate	1260	ND	775	62	58-148	
Benzo[a]pyrene	1240	ND	795	64	68-128	F
Indeno[1,2,3-cd]pyrene	1250	ND	761	61	59-139	
Dibenz(a,h)anthracene	1250	ND	808	64	57-142	
Benzo[g,h,i]perylene	1240	ND	708	57	57-142	
Carbazole	1260	ND	1050	83	88-158	F
1-Methylnaphthalene	1250	ND	912	73	48-148	
Benzo[b]fluoranthene	1240	ND	769	62	66-136	F
Benzo[k]fluoranthene	1240	ND	779	63	63-143	
2,2'-oxybis[1-chloropropane]	1250	ND	1050	84	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024465.D

Lab ID: 580-24912-15 MSD Client ID: YK-SB09 (4-5) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	1250	1180	95	12	26	66-126	
Bis(2-chloroethyl)ether	1260	972	77	7	60	57-122	
2-Chlorophenol	1270	1150	90	10	27	65-125	
1,3-Dichlorobenzene	1260	1040	82	5	60	64-124	
1,4-Dichlorobenzene	1270	1090	86	8	32	62-132	
Benzyl alcohol	1260	811	64	13	60	42-147	
1,2-Dichlorobenzene	1260	1060	84	6	60	68-118	
2-Methylphenol	1270	1170	93	10	25	56-121	
3 & 4 Methylphenol	1280	1180	92	0	27	61-126	
N-Nitrosodi-n-propylamine	1260	1160	93	2	28	52-127	
Hexachloroethane	1260	967	77	5	60	56-131	
Nitrobenzene	1260	1360	107	4	60	59-134	
Isophorone	1260	1300	103	5	60	53-118	
2-Nitrophenol	1290	981	76	4	60	58-128	
2,4-Dimethylphenol	1240	899	72	0	60	58-133	
Benzoic acid	6330	ND	0	NC	60	10-130	F
Bis(2-chloroethoxy)methane	1270	1030	81	4	60	63-128	
2,4-Dichlorophenol	1240	989	80	11	60	59-124	
1,2,4-Trichlorobenzene	1270	901	71	1	28	63-128	
Naphthalene	1250	946	76	1	26	64-129	
4-Chloroaniline	1280	871	68	0	60	20-181	
Hexachlorobutadiene	1280	850	67	2	60	59-134	
4-Chloro-3-methylphenol	1270	1020	80	3	27	58-128	
2-Methylnaphthalene	1280	961	75	2	27	65-125	
Hexachlorocyclopentadiene	1260	642	51	5	60	30-132	
2,4,6-Trichlorophenol	1270	1010	79	1	60	66-131	
2,4,5-Trichlorophenol	1270	1060	83	6	60	64-124	
2-Chloronaphthalene	1260	934	74	2	25	69-129	
2-Nitroaniline	1280	1130	88	12	60	58-133	
Dimethyl phthalate	1270	1020	80	3	60	65-125	
Acenaphthylene	1250	958	77	1	28	69-129	
2,6-Dinitrotoluene	1260	1230	97	4	60	65-125	
3-Nitroaniline	1270	1040	83	6	60	80-165	
Acenaphthene	1250	849	68	1	27	65-130	
2,4-Dinitrophenol	6300	1110 J	18	2	60	53-168	F
4-Nitrophenol	6280	4880	78	2	33	47-172	
Dibenzofuran	1270	883	70	1	60	70-125	
2,4-Dinitrotoluene	1270	1170	92	1	31	57-122	
Diethyl phthalate	1260	889	70	3	26	64-129	
4-Chlorophenyl phenyl ether	1270	839	66	1	60	65-130	
Fluorene	1260	877	70	0	31	68-128	
4-Nitroaniline	1260	1240	98	6	60	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024465.D

Lab ID: 580-24912-15 MSD Client ID: YK-SB09 (4-5) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	6360	2790	44	0	60	38-143	
N-Nitrosodiphenylamine	1260	908	72	3	60	88-153	F
4-Bromophenyl phenyl ether	1260	816	65	1	60	64-134	
Hexachlorobenzene	1270	730	58	5	60	61-136	F
Pentachlorophenol	1240	834	67	0	68	29-124	
Phenanthrene	1260	810	64	4	28	65-125	F
Anthracene	1260	859	68	3	27	73-123	F
Di-n-butyl phthalate	1270	779	62	4	60	69-124	F
Fluoranthene	1260	829	66	2	36	61-121	
Pyrene	1270	813	64	5	31	54-134	
Butyl benzyl phthalate	1270	821	65	1	60	65-140	
3,3'-Dichlorobenzidine	2520	1700	67	1	60	73-163	F
Benzo[a]anthracene	1250	779	62	2	27	64-124	F
Chrysene	1250	760	61	4	26	71-126	F
Bis(2-ethylhexyl) phthalate	1270	813 J	64	1	60	64-144	
Di-n-octyl phthalate	1270	813	64	5	31	58-148	
Benzo[a]pyrene	1250	777	62	2	30	68-128	F
Indeno[1,2,3-cd]pyrene	1260	729	58	4	29	59-139	F
Dibenz(a,h)anthracene	1260	769	61	5	30	57-142	
Benzo[g,h,i]perylene	1250	675	54	5	28	57-142	F
Carbazole	1260	1030	82	1	60	88-158	F
1-Methylnaphthalene	1260	915	73	0	30	48-148	
Benzo[b]fluoranthene	1250	746	60	3	31	66-136	F
Benzo[k]fluoranthene	1250	759	61	3	31	63-143	F
2,2'-oxybis[1-chloropropane]	1260	1120	89	7	60	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: ak024460.D Lab Sample ID: MB 580-82124/1-A

Matrix: Solid Date Extracted: 03/11/2011 12:29

Instrument ID: TAC040 Date Analyzed: 03/13/2011 13:11

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YK-SB09 (0-1)	580-24912-13	ak024459.D	03/13/2011 12:50
	LCS 580-82124/2-A	ak024461.D	03/13/2011 13:38
YK-SB09 D(0-1)	580-24912-14	ak024462.D	03/13/2011 13:59
YK-SB09 (4-5)	580-24912-15	ak024463.D	03/13/2011 14:20
YK-SB09 (4-5) MS	580-24912-15 MS	ak024464.D	03/13/2011 14:41
YK-SB09 (4-5) MSD	580-24912-15 MSD	ak024465.D	03/13/2011 15:02
YK-MW-1 (0-1)	580-24912-1	ak024466.D	03/13/2011 15:23
YK-MW-1 (4-5)	580-24912-2	ak024467.D	03/13/2011 15:44
YK-MW-1 (4-5) Dup	580-24912-3	ak024468.D	03/13/2011 16:05
YK-MW-2 (0-1)	580-24912-4	ak024469.D	03/13/2011 16:27
YK-MW-2 (4-5)	580-24912-5	ak024470.D	03/13/2011 16:48
YK-MW-3 (0-1)	580-24912-6	ak024471.D	03/13/2011 17:09
YK-MW-31 (0-1)	580-24912-7	ak024472.D	03/13/2011 17:30
YK-MW-3 (4-5)	580-24912-8	ak024462.D	03/14/2011 08:24
YK-MW-4 (0-1)	580-24912-9	ak024463.D	03/14/2011 08:45
YK-MW-4 (4-5)	580-24912-10	ak024464.D	03/14/2011 09:06
YK-SB5 (0-1)	580-24912-11	ak024465.D	03/14/2011 09:28
YK-SB05 (5-6)	580-24912-12	ak024466.D	03/14/2011 09:49

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: ak024422.D DFTPP Injection Date: 03/09/2011

Instrument ID: TAC040 DFTPP Injection Time: 11:05

Analysis Batch No.: 81932

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	14.3	
68	Less than 2.0 % of mass 69	0.3	(1.6)1
69	Mass 69 relative abundance	20.0	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	33.6	
197	Less than 2.0 % of mass 198	0.4	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.7	
275	10.0 - 60.0 % of mass 198	36.8	
365	Greater than 1.0 % of mass 198	5.6	
441	Present but less than mass 443	53.6	
442	Greater than 50.0 % of mass 198	356.3	
443	15.0 - 24.0 % of mass 442	69.3	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 580-81932/3	ak024424.D	03/09/2011	11:40
	IC 580-81932/4	ak024425.D	03/09/2011	12:01
	IC 580-81932/5	ak024426.D	03/09/2011	12:22
	IC 580-81932/6	ak024427.D	03/09/2011	12:55
	IC 580-81932/7	ak024428.D	03/09/2011	13:16
	ICIS 580-81932/8	ak024429.D	03/09/2011	13:37
	IC 580-81932/9	ak024430.D	03/09/2011	13:59
	IC 580-81932/10	ak024431.D	03/09/2011	14:20
	ICV 580-81932/11	ak024432.D	03/09/2011	14:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: ak024454.D DFTPP Injection Date: 03/13/2011

Instrument ID: TAC040 DFTPP Injection Time: 10:48

Analysis Batch No.: 82179

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	14.6	
68	Less than 2.0 % of mass 69	0.3	(1.3)1
69	Mass 69 relative abundance	20.1	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	34.7	
197	Less than 2.0 % of mass 198	0.6	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.5	
275	10.0 - 60.0 % of mass 198	35.9	
365	Greater than 1.0 % of mass 198	5.4	
441	Present but less than mass 443	51.6	
442	Greater than 50.0 % of mass 198	347.5	
443	15.0 - 24.0 % of mass 442	66.4	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82179/2	ak024455.D	03/13/2011	11:02
YK-SB09 (0-1)	580-24912-13	ak024459.D	03/13/2011	12:50
	MB 580-82124/1-A	ak024460.D	03/13/2011	13:11
	LCS 580-82124/2-A	ak024461.D	03/13/2011	13:38
YK-SB09 D(0-1)	580-24912-14	ak024462.D	03/13/2011	13:59
YK-SB09 (4-5)	580-24912-15	ak024463.D	03/13/2011	14:20
YK-SB09 (4-5) MS	580-24912-15 MS	ak024464.D	03/13/2011	14:41
YK-SB09 (4-5) MSD	580-24912-15 MSD	ak024465.D	03/13/2011	15:02
YK-MW-1 (0-1)	580-24912-1	ak024466.D	03/13/2011	15:23
YK-MW-1 (4-5)	580-24912-2	ak024467.D	03/13/2011	15:44
YK-MW-1 (4-5) Dup	580-24912-3	ak024468.D	03/13/2011	16:05
YK-MW-2 (0-1)	580-24912-4	ak024469.D	03/13/2011	16:27
YK-MW-2 (4-5)	580-24912-5	ak024470.D	03/13/2011	16:48
YK-MW-3 (0-1)	580-24912-6	ak024471.D	03/13/2011	17:09
YK-MW-31 (0-1)	580-24912-7	ak024472.D	03/13/2011	17:30

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab File ID: ak024459.D DFTPP Injection Date: 03/14/2011

Instrument ID: TAC040 DFTPP Injection Time: 07:27

Analysis Batch No.: 82189

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	14.9	
68	Less than 2.0 % of mass 69	0.3	(1.5)1
69	Mass 69 relative abundance	20.7	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	35.1	
197	Less than 2.0 % of mass 198	0.6	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.4	
275	10.0 - 60.0 % of mass 198	36.0	
365	Greater than 1.0 % of mass 198	5.6	
441	Present but less than mass 443	51.6	
442	Greater than 50.0 % of mass 198	345.1	
443	15.0 - 24.0 % of mass 442	66.5	(19.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82189/2	ak024460.D	03/14/2011	07:41
YK-MW-3 (4-5)	580-24912-8	ak024462.D	03/14/2011	08:24
YK-MW-4 (0-1)	580-24912-9	ak024463.D	03/14/2011	08:45
YK-MW-4 (4-5)	580-24912-10	ak024464.D	03/14/2011	09:06
YK-SB5 (0-1)	580-24912-11	ak024465.D	03/14/2011	09:28
YK-SB05 (5-6)	580-24912-12	ak024466.D	03/14/2011	09:49

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: ICIS 580-81932/8 Date Analyzed: 03/09/2011 13:37

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024429.D Heated Purge: (Y/N) N

Calibration ID: 7416

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		102315	3.98	384177	4.98	244080	6.40
UPPER LIMIT		204630	4.48	768354	5.48	488160	6.90
LOWER LIMIT		51158	3.48	192089	4.48	122040	5.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-81932/11		102023	3.98	378269	4.98	240233	6.40

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: ICIS 580-81932/8 Date Analyzed: 03/09/2011 13:37

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024429.D Heated Purge: (Y/N) N

Calibration ID: 7416

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		409226	7.62	608353	9.82	600888	11.29
UPPER LIMIT		818452	8.12	1216706	10.32	1201776	11.79
LOWER LIMIT		204613	7.12	304177	9.32	300444	10.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-81932/11		410840	7.62	600043	9.82	633351	11.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: CCVIS 580-82179/2 Date Analyzed: 03/13/2011 11:02

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024455.D Heated Purge: (Y/N) N

Calibration ID: 7416

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		105220	3.98	385056	4.98	244048	6.40
UPPER LIMIT		210440	4.48	770112	5.48	488096	6.90
LOWER LIMIT		52610	3.48	192528	4.48	122024	5.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
580-24912-13	YK-SB09 (0-1)	115861	3.98	436431	4.98	257957	6.40
MB 580-82124/1-A		102853	3.98	375218	4.98	242920	6.40
LCS 580-82124/2-A		104047	3.98	384421	4.98	246697	6.40
580-24912-14	YK-SB09 D(0-1)	109386	3.98	404227	4.98	255126	6.40
580-24912-15	YK-SB09 (4-5)	109950	3.98	403917	4.98	262925	6.40
580-24912-15 MS	YK-SB09 (4-5) MS	114065	3.98	433438	4.98	275564	6.40
580-24912-15 MSD	YK-SB09 (4-5) MSD	106536	3.98	417252	4.98	265154	6.40
580-24912-1	YK-MW-1 (0-1)	103649	3.98	383921	4.98	245775	6.40
580-24912-2	YK-MW-1 (4-5)	110218	3.98	411600	4.98	254112	6.40
580-24912-3	YK-MW-1 (4-5) Dup	106146	3.98	386437	4.98	243875	6.40
580-24912-4	YK-MW-2 (0-1)	104562	3.98	404367	4.98	248480	6.40
580-24912-5	YK-MW-2 (4-5)	96764	3.98	374118	4.98	232603	6.40
580-24912-6	YK-MW-3 (0-1)	102527	3.98	382611	4.98	238051	6.40
580-24912-7	YK-MW-31 (0-1)	105909	3.98	383074	4.98	249316	6.40

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: CCVIS 580-82179/2 Date Analyzed: 03/13/2011 11:02

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024455.D Heated Purge: (Y/N) N

Calibration ID: 7416

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		404939	7.63	578151	9.83	523163	11.29
UPPER LIMIT		809878	8.13	1156302	10.33	1046326	11.79
LOWER LIMIT		202470	7.13	289076	9.33	261582	10.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
580-24912-13	YK-SB09 (0-1)	447194	7.62	565586	9.82	459570	11.29
MB 580-82124/1-A		438551	7.63	603116	9.83	574413	11.29
LCS 580-82124/2-A		430161	7.63	624825	9.83	650750	11.29
580-24912-14	YK-SB09 D(0-1)	453512	7.63	637798	9.83	627940	11.29
580-24912-15	YK-SB09 (4-5)	456711	7.63	641320	9.82	616633	11.29
580-24912-15 MS	YK-SB09 (4-5) MS	475604	7.62	700796	9.82	704032	11.29
580-24912-15 MSD	YK-SB09 (4-5) MSD	468350	7.62	673226	9.83	661026	11.29
580-24912-1	YK-MW-1 (0-1)	427487	7.62	610634	9.83	609930	11.29
580-24912-2	YK-MW-1 (4-5)	449253	7.63	608280	9.83	572555	11.29
580-24912-3	YK-MW-1 (4-5) Dup	439264	7.63	621770	9.83	595148	11.29
580-24912-4	YK-MW-2 (0-1)	430532	7.63	609908	9.82	577783	11.29
580-24912-5	YK-MW-2 (4-5)	402351	7.62	557577	9.83	499026	11.29
580-24912-6	YK-MW-3 (0-1)	406032	7.62	539950	9.82	476704	11.29
580-24912-7	YK-MW-31 (0-1)	434345	7.62	609314	9.83	605934	11.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: CCVIS 580-82189/2 Date Analyzed: 03/14/2011 07:41

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024460.D Heated Purge: (Y/N) N

Calibration ID: 7416

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		102317	3.98	380642	4.98	239503	6.40
UPPER LIMIT		204634	4.48	761284	5.48	479006	6.90
LOWER LIMIT		51159	3.48	190321	4.48	119752	5.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
580-24912-8	YK-MW-3 (4-5)	106899	3.98	404723	4.98	260361	6.40
580-24912-9	YK-MW-4 (0-1)	94631	3.98	358032	4.98	228540	6.40
580-24912-10	YK-MW-4 (4-5)	103335	3.98	373721	4.98	245563	6.40
580-24912-11	YK-SB5 (0-1)	111713	3.98	425414	4.98	284090	6.40
580-24912-12	YK-SB05 (5-6)	107327	3.98	415002	4.98	281544	6.40

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: CCVIS 580-82189/2 Date Analyzed: 03/14/2011 07:41

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024460.D Heated Purge: (Y/N) N

Calibration ID: 7416

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		408414	7.62	579919	9.83	562152	11.29
UPPER LIMIT		816828	8.12	1159838	10.33	1124304	11.79
LOWER LIMIT		204207	7.12	289960	9.33	281076	10.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
580-24912-8	YK-MW-3 (4-5)	461541	7.62	629107	9.82	621689	11.29
580-24912-9	YK-MW-4 (0-1)	407416	7.63	477505	9.83	532483	11.30
580-24912-10	YK-MW-4 (4-5)	439011	7.63	629836	9.82	668740	11.29
580-24912-11	YK-SB5 (0-1)	530349	7.62	708487	9.83	720756	11.29
580-24912-12	YK-SB05 (5-6)	532034	7.62	732343	9.83	772621	11.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (0-1) | Lab Sample ID: 580-24912-1

Matrix: Solid | Lab File ID: ak024466.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:00

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3786(g) | Date Analyzed: 03/13/2011 15:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 21.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		62	18
106-46-7	1,4-Dichlorobenzene	ND		62	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		62	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		250	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND		120	6.2
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		62	18
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		62	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (0-1) | Lab Sample ID: 580-24912-1

Matrix: Solid | Lab File ID: ak024466.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:00

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3786(g) | Date Analyzed: 03/13/2011 15:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 21.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	18
85-01-8	Phenanthrene	24	J	25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	34		25	6.2
129-00-0	Pyrene	43		25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND		250	37
56-55-3	Benzo[a]anthracene	25	J	31	6.2
218-01-9	Chrysene	23	J	31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	18	J	37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	8.1	J	49	6.2
53-70-3	Dibenz(a,h)anthracene	ND		49	6.2
191-24-2	Benzo[g,h,i]perylene	10	J	31	6.2
86-74-8	Carbazole	ND		180	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	20	J	25	6.2
207-08-9	Benzo[k]fluoranthene	9.8	J	31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (0-1) | Lab Sample ID: 580-24912-1

Matrix: Solid | Lab File ID: ak024466.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:00

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3786(g) | Date Analyzed: 03/13/2011 15:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 21.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	90		36-145
4165-62-2	Phenol-d5	89		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	83		42-140
118-79-6	2,4,6-Tribromophenol	80		28-143
1718-51-0	Terphenyl-d14	75		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) | Lab Sample ID: 580-24912-2

Matrix: Solid | Lab File ID: ak024467.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.6280(g) | Date Analyzed: 03/13/2011 15:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	20
111-44-4	Bis(2-chloroethyl)ether	ND		130	20
95-57-8	2-Chlorophenol	ND		130	20
541-73-1	1,3-Dichlorobenzene	ND		66	20
106-46-7	1,4-Dichlorobenzene	ND		66	20
100-51-6	Benzyl alcohol	ND		130	20
95-50-1	1,2-Dichlorobenzene	ND		66	20
95-48-7	2-Methylphenol	ND		130	20
15831-10-4	3 & 4 Methylphenol	ND		260	20
621-64-7	N-Nitrosodi-n-propylamine	ND		130	20
67-72-1	Hexachloroethane	ND		130	20
98-95-3	Nitrobenzene	ND		130	45
78-59-1	Isophorone	ND		130	6.6
88-75-5	2-Nitrophenol	ND		130	20
105-67-9	2,4-Dimethylphenol	ND		130	20
65-85-0	Benzoic acid	ND		3300	990
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.6
120-83-2	2,4-Dichlorophenol	ND		130	20
120-82-1	1,2,4-Trichlorobenzene	ND		66	20
91-20-3	Naphthalene	ND		26	6.6
106-47-8	4-Chloroaniline	ND		130	20
87-68-3	Hexachlorobutadiene	ND		66	20
59-50-7	4-Chloro-3-methylphenol	ND		130	20
91-57-6	2-Methylnaphthalene	ND		26	6.6
77-47-4	Hexachlorocyclopentadiene	ND		130	6.6
88-06-2	2,4,6-Trichlorophenol	ND		200	20
95-95-4	2,4,5-Trichlorophenol	ND		130	20
91-58-7	2-Chloronaphthalene	ND		26	6.6
88-74-4	2-Nitroaniline	ND		130	20
131-11-3	Dimethyl phthalate	ND		130	6.6
208-96-8	Acenaphthylene	ND		26	6.6
606-20-2	2,6-Dinitrotoluene	ND		130	20
99-09-2	3-Nitroaniline	ND		130	20
83-32-9	Acenaphthene	ND		26	6.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) | Lab Sample ID: 580-24912-2

Matrix: Solid | Lab File ID: ak024467.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.6280(g) | Date Analyzed: 03/13/2011 15:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	260
100-02-7	4-Nitrophenol	ND		1300	330
132-64-9	Dibenzofuran	ND		130	6.6
121-14-2	2,4-Dinitrotoluene	ND		130	20
84-66-2	Diethyl phthalate	ND		130	20
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	20
86-73-7	Fluorene	ND		26	6.6
100-01-6	4-Nitroaniline	ND		130	20
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND		66	6.6
101-55-3	4-Bromophenyl phenyl ether	ND		130	20
118-74-1	Hexachlorobenzene	ND		66	6.6
87-86-5	Pentachlorophenol	ND		260	20
85-01-8	Phenanthrene	ND		26	6.6
120-12-7	Anthracene	ND		26	6.6
84-74-2	Di-n-butyl phthalate	ND		260	66
206-44-0	Fluoranthene	ND		26	6.6
129-00-0	Pyrene	ND		26	6.6
85-68-7	Butyl benzyl phthalate	ND		130	66
91-94-1	3,3'-Dichlorobenzidine	ND		260	39
56-55-3	Benzo[a]anthracene	ND		33	6.6
218-01-9	Chrysene	ND		33	6.6
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	66
117-84-0	Di-n-octyl phthalate	ND		260	6.6
50-32-8	Benzo[a]pyrene	ND		39	6.6
193-39-5	Indeno[1,2,3-cd]pyrene	ND		53	6.6
53-70-3	Dibenz(a,h)anthracene	ND		53	6.6
191-24-2	Benzo[g,h,i]perylene	ND		33	6.6
86-74-8	Carbazole	ND		200	6.6
90-12-0	1-Methylnaphthalene	ND		39	6.6
205-99-2	Benzo[b]fluoranthene	ND		26	6.6
207-08-9	Benzo[k]fluoranthene	ND		33	6.6
108-60-1	2,2'-oxybis[1-chloropropane]	ND		200	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) | Lab Sample ID: 580-24912-2

Matrix: Solid | Lab File ID: ak024467.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.6280(g) | Date Analyzed: 03/13/2011 15:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	87		36-145
4165-62-2	Phenol-d5	87		38-149
4165-60-0	Nitrobenzene-d5	82		38-141
321-60-8	2-Fluorobiphenyl	71		42-140
118-79-6	2,4,6-Tribromophenol	67		28-143
1718-51-0	Terphenyl-d14	64		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) Dup | Lab Sample ID: 580-24912-3

Matrix: Solid | Lab File ID: ak024468.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2168(g) | Date Analyzed: 03/13/2011 16:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		140	21
111-44-4	Bis(2-chloroethyl)ether	ND		140	21
95-57-8	2-Chlorophenol	ND		140	21
541-73-1	1,3-Dichlorobenzene	ND		68	21
106-46-7	1,4-Dichlorobenzene	ND		68	21
100-51-6	Benzyl alcohol	ND		140	21
95-50-1	1,2-Dichlorobenzene	ND		68	21
95-48-7	2-Methylphenol	ND		140	21
15831-10-4	3 & 4 Methylphenol	ND		270	21
621-64-7	N-Nitrosodi-n-propylamine	ND		140	21
67-72-1	Hexachloroethane	ND		140	21
98-95-3	Nitrobenzene	ND		140	47
78-59-1	Isophorone	ND		140	6.8
88-75-5	2-Nitrophenol	ND		140	21
105-67-9	2,4-Dimethylphenol	ND		140	21
65-85-0	Benzoic acid	ND		3400	1000
111-91-1	Bis(2-chloroethoxy)methane	ND		140	6.8
120-83-2	2,4-Dichlorophenol	ND		140	21
120-82-1	1,2,4-Trichlorobenzene	ND		68	21
91-20-3	Naphthalene	ND		27	6.8
106-47-8	4-Chloroaniline	ND		140	21
87-68-3	Hexachlorobutadiene	ND		68	21
59-50-7	4-Chloro-3-methylphenol	ND		140	21
91-57-6	2-Methylnaphthalene	ND		27	6.8
77-47-4	Hexachlorocyclopentadiene	ND		140	6.8
88-06-2	2,4,6-Trichlorophenol	ND		210	21
95-95-4	2,4,5-Trichlorophenol	ND		140	21
91-58-7	2-Chloronaphthalene	ND		27	6.8
88-74-4	2-Nitroaniline	ND		140	21
131-11-3	Dimethyl phthalate	ND		140	6.8
208-96-8	Acenaphthylene	ND		27	6.8
606-20-2	2,6-Dinitrotoluene	ND		140	21
99-09-2	3-Nitroaniline	ND		140	21
83-32-9	Acenaphthene	ND		27	6.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) Dup | Lab Sample ID: 580-24912-3

Matrix: Solid | Lab File ID: ak024468.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2168(g) | Date Analyzed: 03/13/2011 16:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1400	270
100-02-7	4-Nitrophenol	ND		1400	340
132-64-9	Dibenzofuran	ND		140	6.8
121-14-2	2,4-Dinitrotoluene	ND		140	21
84-66-2	Diethyl phthalate	ND		140	21
7005-72-3	4-Chlorophenyl phenyl ether	ND		140	21
86-73-7	Fluorene	ND		27	6.8
100-01-6	4-Nitroaniline	ND		140	21
534-52-1	4,6-Dinitro-2-methylphenol	ND		1400	140
86-30-6	N-Nitrosodiphenylamine	ND		68	6.8
101-55-3	4-Bromophenyl phenyl ether	ND		140	21
118-74-1	Hexachlorobenzene	ND		68	6.8
87-86-5	Pentachlorophenol	ND		270	21
85-01-8	Phenanthrene	ND		27	6.8
120-12-7	Anthracene	ND		27	6.8
84-74-2	Di-n-butyl phthalate	ND		270	68
206-44-0	Fluoranthene	ND		27	6.8
129-00-0	Pyrene	ND		27	6.8
85-68-7	Butyl benzyl phthalate	ND		140	68
91-94-1	3,3'-Dichlorobenzidine	ND		270	41
56-55-3	Benzo[a]anthracene	ND		34	6.8
218-01-9	Chrysene	ND		34	6.8
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2100	68
117-84-0	Di-n-octyl phthalate	ND		270	6.8
50-32-8	Benzo[a]pyrene	ND		41	6.8
193-39-5	Indeno[1,2,3-cd]pyrene	ND		55	6.8
53-70-3	Dibenz(a,h)anthracene	ND		55	6.8
191-24-2	Benzo[g,h,i]perylene	ND		34	6.8
86-74-8	Carbazole	ND		210	6.8
90-12-0	1-Methylnaphthalene	ND		41	6.8
205-99-2	Benzo[b]fluoranthene	ND		27	6.8
207-08-9	Benzo[k]fluoranthene	ND		34	6.8
108-60-1	2,2'-oxybis[1-chloropropane]	ND		210	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) Dup | Lab Sample ID: 580-24912-3

Matrix: Solid | Lab File ID: ak024468.D

Analysis Method: 8270C | Date Collected: 03/10/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2168(g) | Date Analyzed: 03/13/2011 16:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 28.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	88		36-145
4165-62-2	Phenol-d5	89		38-149
4165-60-0	Nitrobenzene-d5	92		38-141
321-60-8	2-Fluorobiphenyl	74		42-140
118-79-6	2,4,6-Tribromophenol	72		28-143
1718-51-0	Terphenyl-d14	67		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) | Lab Sample ID: 580-24912-4

Matrix: Solid | Lab File ID: ak024469.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:15

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5756(g) | Date Analyzed: 03/13/2011 16:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	19
111-44-4	Bis(2-chloroethyl)ether	ND		120	19
95-57-8	2-Chlorophenol	ND		120	19
541-73-1	1,3-Dichlorobenzene	ND		62	19
106-46-7	1,4-Dichlorobenzene	ND		62	19
100-51-6	Benzyl alcohol	ND		120	19
95-50-1	1,2-Dichlorobenzene	ND		62	19
95-48-7	2-Methylphenol	ND		120	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		120	19
67-72-1	Hexachloroethane	ND		120	19
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND		120	6.2
88-75-5	2-Nitrophenol	ND		120	19
105-67-9	2,4-Dimethylphenol	ND		120	19
65-85-0	Benzoic acid	ND		3100	930
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	19
120-82-1	1,2,4-Trichlorobenzene	ND		62	19
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	19
87-68-3	Hexachlorobutadiene	ND		62	19
59-50-7	4-Chloro-3-methylphenol	ND		120	19
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		120	19
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	19
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	19
99-09-2	3-Nitroaniline	ND		120	19
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) | Lab Sample ID: 580-24912-4

Matrix: Solid | Lab File ID: ak024469.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:15

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5756(g) | Date Analyzed: 03/13/2011 16:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND		120	19
84-66-2	Diethyl phthalate	ND		120	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	19
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	19
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	ND		25	6.2
129-00-0	Pyrene	ND		25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND		250	37
56-55-3	Benzo[a]anthracene	ND		31	6.2
218-01-9	Chrysene	ND		31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	ND		37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		50	6.2
53-70-3	Dibenz(a,h)anthracene	ND		50	6.2
191-24-2	Benzo[g,h,i]perylene	ND		31	6.2
86-74-8	Carbazole	ND		190	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	ND		25	6.2
207-08-9	Benzo[k]fluoranthene	ND		31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) | Lab Sample ID: 580-24912-4

Matrix: Solid | Lab File ID: ak024469.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:15

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5756(g) | Date Analyzed: 03/13/2011 16:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		36-145
4165-62-2	Phenol-d5	91		38-149
4165-60-0	Nitrobenzene-d5	89		38-141
321-60-8	2-Fluorobiphenyl	71		42-140
118-79-6	2,4,6-Tribromophenol	79		28-143
1718-51-0	Terphenyl-d14	66		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (4-5) | Lab Sample ID: 580-24912-5

Matrix: Solid | Lab File ID: ak024470.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:25

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.0813(g) | Date Analyzed: 03/13/2011 16:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 30.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		140	21
111-44-4	Bis(2-chloroethyl)ether	ND		140	21
95-57-8	2-Chlorophenol	ND		140	21
541-73-1	1,3-Dichlorobenzene	ND		71	21
106-46-7	1,4-Dichlorobenzene	ND		71	21
100-51-6	Benzyl alcohol	ND		140	21
95-50-1	1,2-Dichlorobenzene	ND		71	21
95-48-7	2-Methylphenol	ND		140	21
15831-10-4	3 & 4 Methylphenol	ND		290	21
621-64-7	N-Nitrosodi-n-propylamine	ND		140	21
67-72-1	Hexachloroethane	ND		140	21
98-95-3	Nitrobenzene	ND		140	49
78-59-1	Isophorone	ND		140	7.1
88-75-5	2-Nitrophenol	ND		140	21
105-67-9	2,4-Dimethylphenol	ND		140	21
65-85-0	Benzoic acid	ND		3600	1100
111-91-1	Bis(2-chloroethoxy)methane	ND		140	7.1
120-83-2	2,4-Dichlorophenol	ND		140	21
120-82-1	1,2,4-Trichlorobenzene	ND		71	21
91-20-3	Naphthalene	ND		29	7.1
106-47-8	4-Chloroaniline	ND		140	21
87-68-3	Hexachlorobutadiene	ND		71	21
59-50-7	4-Chloro-3-methylphenol	ND		140	21
91-57-6	2-Methylnaphthalene	ND		29	7.1
77-47-4	Hexachlorocyclopentadiene	ND		140	7.1
88-06-2	2,4,6-Trichlorophenol	ND		210	21
95-95-4	2,4,5-Trichlorophenol	ND		140	21
91-58-7	2-Chloronaphthalene	ND		29	7.1
88-74-4	2-Nitroaniline	ND		140	21
131-11-3	Dimethyl phthalate	ND		140	7.1
208-96-8	Acenaphthylene	ND		29	7.1
606-20-2	2,6-Dinitrotoluene	ND		140	21
99-09-2	3-Nitroaniline	ND		140	21
83-32-9	Acenaphthene	ND		29	7.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (4-5) | Lab Sample ID: 580-24912-5

Matrix: Solid | Lab File ID: ak024470.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:25

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.0813(g) | Date Analyzed: 03/13/2011 16:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 30.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1400	290
100-02-7	4-Nitrophenol	ND		1400	360
132-64-9	Dibenzofuran	ND		140	7.1
121-14-2	2,4-Dinitrotoluene	ND		140	21
84-66-2	Diethyl phthalate	ND		140	21
7005-72-3	4-Chlorophenyl phenyl ether	ND		140	21
86-73-7	Fluorene	ND		29	7.1
100-01-6	4-Nitroaniline	ND		140	21
534-52-1	4,6-Dinitro-2-methylphenol	ND		1400	140
86-30-6	N-Nitrosodiphenylamine	ND		71	7.1
101-55-3	4-Bromophenyl phenyl ether	ND		140	21
118-74-1	Hexachlorobenzene	ND		71	7.1
87-86-5	Pentachlorophenol	ND		290	21
85-01-8	Phenanthrene	ND		29	7.1
120-12-7	Anthracene	ND		29	7.1
84-74-2	Di-n-butyl phthalate	ND		290	71
206-44-0	Fluoranthene	ND		29	7.1
129-00-0	Pyrene	ND		29	7.1
85-68-7	Butyl benzyl phthalate	ND		140	71
91-94-1	3,3'-Dichlorobenzidine	ND		290	43
56-55-3	Benzo[a]anthracene	ND		36	7.1
218-01-9	Chrysene	ND		36	7.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2100	71
117-84-0	Di-n-octyl phthalate	ND		290	7.1
50-32-8	Benzo[a]pyrene	ND		43	7.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		57	7.1
53-70-3	Dibenz(a,h)anthracene	ND		57	7.1
191-24-2	Benzo[g,h,i]perylene	ND		36	7.1
86-74-8	Carbazole	ND		210	7.1
90-12-0	1-Methylnaphthalene	ND		43	7.1
205-99-2	Benzo[b]fluoranthene	ND		29	7.1
207-08-9	Benzo[k]fluoranthene	ND		36	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		210	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (4-5) | Lab Sample ID: 580-24912-5

Matrix: Solid | Lab File ID: ak024470.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:25

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.0813(g) | Date Analyzed: 03/13/2011 16:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 30.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	96		36-145
4165-62-2	Phenol-d5	94		38-149
4165-60-0	Nitrobenzene-d5	93		38-141
321-60-8	2-Fluorobiphenyl	78		42-140
118-79-6	2,4,6-Tribromophenol	75		28-143
1718-51-0	Terphenyl-d14	71		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (0-1) | Lab Sample ID: 580-24912-6

Matrix: Solid | Lab File ID: ak024471.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3863(g) | Date Analyzed: 03/13/2011 17:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		65	19
106-46-7	1,4-Dichlorobenzene	ND		65	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		65	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		260	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	44
78-59-1	Isophorone	ND		130	6.5
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	970
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.5
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		65	19
91-20-3	Naphthalene	ND		26	6.5
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		65	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		26	6.5
77-47-4	Hexachlorocyclopentadiene	ND		130	6.5
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		26	6.5
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.5
208-96-8	Acenaphthylene	ND		26	6.5
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		26	6.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (0-1) | Lab Sample ID: 580-24912-6

Matrix: Solid | Lab File ID: ak024471.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3863(g) | Date Analyzed: 03/13/2011 17:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	260
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.5
121-14-2	2,4-Dinitrotoluene	ND		130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		26	6.5
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND		65	6.5
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		65	6.5
87-86-5	Pentachlorophenol	ND		260	19
85-01-8	Phenanthrene	ND		26	6.5
120-12-7	Anthracene	ND		26	6.5
84-74-2	Di-n-butyl phthalate	ND		260	65
206-44-0	Fluoranthene	ND		26	6.5
129-00-0	Pyrene	ND		26	6.5
85-68-7	Butyl benzyl phthalate	ND		130	65
91-94-1	3,3'-Dichlorobenzidine	ND		260	39
56-55-3	Benzo[a]anthracene	ND		32	6.5
218-01-9	Chrysene	ND		32	6.5
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	65
117-84-0	Di-n-octyl phthalate	ND		260	6.5
50-32-8	Benzo[a]pyrene	ND		39	6.5
193-39-5	Indeno[1,2,3-cd]pyrene	ND		52	6.5
53-70-3	Dibenz(a,h)anthracene	ND		52	6.5
191-24-2	Benzo[g,h,i]perylene	ND		32	6.5
86-74-8	Carbazole	ND		190	6.5
90-12-0	1-Methylnaphthalene	ND		39	6.5
205-99-2	Benzo[b]fluoranthene	ND		26	6.5
207-08-9	Benzo[k]fluoranthene	ND		32	6.5
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (0-1) | Lab Sample ID: 580-24912-6

Matrix: Solid | Lab File ID: ak024471.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3863(g) | Date Analyzed: 03/13/2011 17:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	92		36-145
4165-62-2	Phenol-d5	91		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	85		42-140
118-79-6	2,4,6-Tribromophenol	81		28-143
1718-51-0	Terphenyl-d14	74		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-31 (0-1) | Lab Sample ID: 580-24912-7

Matrix: Solid | Lab File ID: ak024472.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1290(g) | Date Analyzed: 03/13/2011 17:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		64	19
106-46-7	1,4-Dichlorobenzene	ND		64	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		64	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		260	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	43
78-59-1	Isophorone	ND		130	6.4
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	960
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.4
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		64	19
91-20-3	Naphthalene	ND		26	6.4
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		64	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		26	6.4
77-47-4	Hexachlorocyclopentadiene	ND		130	6.4
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		26	6.4
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.4
208-96-8	Acenaphthylene	ND		26	6.4
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		26	6.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-31 (0-1) | Lab Sample ID: 580-24912-7

Matrix: Solid | Lab File ID: ak024472.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1290(g) | Date Analyzed: 03/13/2011 17:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	260
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.4
121-14-2	2,4-Dinitrotoluene	ND		130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		26	6.4
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND		64	6.4
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		64	6.4
87-86-5	Pentachlorophenol	ND		260	19
85-01-8	Phenanthrene	ND		26	6.4
120-12-7	Anthracene	ND		26	6.4
84-74-2	Di-n-butyl phthalate	ND		260	64
206-44-0	Fluoranthene	ND		26	6.4
129-00-0	Pyrene	ND		26	6.4
85-68-7	Butyl benzyl phthalate	ND		130	64
91-94-1	3,3'-Dichlorobenzidine	ND		260	38
56-55-3	Benzo[a]anthracene	ND		32	6.4
218-01-9	Chrysene	ND		32	6.4
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	64
117-84-0	Di-n-octyl phthalate	ND		260	6.4
50-32-8	Benzo[a]pyrene	ND		38	6.4
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.4
53-70-3	Dibenz(a,h)anthracene	ND		51	6.4
191-24-2	Benzo[g,h,i]perylene	ND		32	6.4
86-74-8	Carbazole	ND		190	6.4
90-12-0	1-Methylnaphthalene	ND		38	6.4
205-99-2	Benzo[b]fluoranthene	ND		26	6.4
207-08-9	Benzo[k]fluoranthene	ND		32	6.4
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-31 (0-1) | Lab Sample ID: 580-24912-7

Matrix: Solid | Lab File ID: ak024472.D

Analysis Method: 8270C | Date Collected: 03/10/2011 12:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1290(g) | Date Analyzed: 03/13/2011 17:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	89		36-145
4165-62-2	Phenol-d5	85		38-149
4165-60-0	Nitrobenzene-d5	90		38-141
321-60-8	2-Fluorobiphenyl	54		42-140
118-79-6	2,4,6-Tribromophenol	76		28-143
1718-51-0	Terphenyl-d14	62		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (4-5) | Lab Sample ID: 580-24912-8

Matrix: Solid | Lab File ID: ak024462.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1973(g) | Date Analyzed: 03/14/2011 08:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		140	22
111-44-4	Bis(2-chloroethyl)ether	ND		140	22
95-57-8	2-Chlorophenol	ND		140	22
541-73-1	1,3-Dichlorobenzene	ND		72	22
106-46-7	1,4-Dichlorobenzene	ND		72	22
100-51-6	Benzyl alcohol	ND		140	22
95-50-1	1,2-Dichlorobenzene	ND		72	22
95-48-7	2-Methylphenol	ND		140	22
15831-10-4	3 & 4 Methylphenol	ND		290	22
621-64-7	N-Nitrosodi-n-propylamine	ND		140	22
67-72-1	Hexachloroethane	ND		140	22
98-95-3	Nitrobenzene	ND		140	49
78-59-1	Isophorone	ND		140	7.2
88-75-5	2-Nitrophenol	ND		140	22
105-67-9	2,4-Dimethylphenol	ND		140	22
65-85-0	Benzoic acid	ND		3600	1100
111-91-1	Bis(2-chloroethoxy)methane	ND		140	7.2
120-83-2	2,4-Dichlorophenol	ND		140	22
120-82-1	1,2,4-Trichlorobenzene	ND		72	22
91-20-3	Naphthalene	ND		29	7.2
106-47-8	4-Chloroaniline	ND		140	22
87-68-3	Hexachlorobutadiene	ND		72	22
59-50-7	4-Chloro-3-methylphenol	ND		140	22
91-57-6	2-Methylnaphthalene	ND		29	7.2
77-47-4	Hexachlorocyclopentadiene	ND		140	7.2
88-06-2	2,4,6-Trichlorophenol	ND		220	22
95-95-4	2,4,5-Trichlorophenol	ND		140	22
91-58-7	2-Chloronaphthalene	ND		29	7.2
88-74-4	2-Nitroaniline	ND		140	22
131-11-3	Dimethyl phthalate	ND		140	7.2
208-96-8	Acenaphthylene	ND		29	7.2
606-20-2	2,6-Dinitrotoluene	ND		140	22
99-09-2	3-Nitroaniline	ND		140	22
83-32-9	Acenaphthene	ND		29	7.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (4-5) | Lab Sample ID: 580-24912-8

Matrix: Solid | Lab File ID: ak024462.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1973(g) | Date Analyzed: 03/14/2011 08:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1400	290
100-02-7	4-Nitrophenol	ND		1400	360
132-64-9	Dibenzofuran	ND		140	7.2
121-14-2	2,4-Dinitrotoluene	ND		140	22
84-66-2	Diethyl phthalate	ND		140	22
7005-72-3	4-Chlorophenyl phenyl ether	ND		140	22
86-73-7	Fluorene	ND		29	7.2
100-01-6	4-Nitroaniline	ND		140	22
534-52-1	4,6-Dinitro-2-methylphenol	ND		1400	140
86-30-6	N-Nitrosodiphenylamine	ND		72	7.2
101-55-3	4-Bromophenyl phenyl ether	ND		140	22
118-74-1	Hexachlorobenzene	ND		72	7.2
87-86-5	Pentachlorophenol	ND		290	22
85-01-8	Phenanthrene	ND		29	7.2
120-12-7	Anthracene	ND		29	7.2
84-74-2	Di-n-butyl phthalate	ND		290	72
206-44-0	Fluoranthene	ND		29	7.2
129-00-0	Pyrene	ND		29	7.2
85-68-7	Butyl benzyl phthalate	ND		140	72
91-94-1	3,3'-Dichlorobenzidine	ND		290	43
56-55-3	Benzo[a]anthracene	ND		36	7.2
218-01-9	Chrysene	ND		36	7.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2200	72
117-84-0	Di-n-octyl phthalate	ND		290	7.2
50-32-8	Benzo[a]pyrene	ND		43	7.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		58	7.2
53-70-3	Dibenz(a,h)anthracene	ND		58	7.2
191-24-2	Benzo[g,h,i]perylene	ND		36	7.2
86-74-8	Carbazole	ND		220	7.2
90-12-0	1-Methylnaphthalene	ND		43	7.2
205-99-2	Benzo[b]fluoranthene	ND		29	7.2
207-08-9	Benzo[k]fluoranthene	ND		36	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		220	22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (4-5) | Lab Sample ID: 580-24912-8

Matrix: Solid | Lab File ID: ak024462.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1973(g) | Date Analyzed: 03/14/2011 08:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	95		36-145
4165-62-2	Phenol-d5	95		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	73		42-140
118-79-6	2,4,6-Tribromophenol	71		28-143
1718-51-0	Terphenyl-d14	66		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (0-1) | Lab Sample ID: 580-24912-9

Matrix: Solid | Lab File ID: ak024463.D

Analysis Method: 8270C | Date Collected: 03/10/2011 14:15

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2026(g) | Date Analyzed: 03/14/2011 08:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	69	J	120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND		120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		24	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	7.7	J	24	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		24	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (0-1) | Lab Sample ID: 580-24912-9

Matrix: Solid | Lab File ID: ak024463.D

Analysis Method: 8270C | Date Collected: 03/10/2011 14:15

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2026(g) | Date Analyzed: 03/14/2011 08:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	ND		24	6.1
120-12-7	Anthracene	ND		24	6.1
84-74-2	Di-n-butyl phthalate	ND		240	61
206-44-0	Fluoranthene	ND		24	6.1
129-00-0	Pyrene	ND		24	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND		240	37
56-55-3	Benzo[a]anthracene	ND		31	6.1
218-01-9	Chrysene	ND		31	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		240	6.1
50-32-8	Benzo[a]pyrene	ND		37	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.1
53-70-3	Dibenz(a,h)anthracene	ND		49	6.1
191-24-2	Benzo[g,h,i]perylene	ND		31	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	ND		37	6.1
205-99-2	Benzo[b]fluoranthene	ND		24	6.1
207-08-9	Benzo[k]fluoranthene	ND		31	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (0-1) | Lab Sample ID: 580-24912-9

Matrix: Solid | Lab File ID: ak024463.D

Analysis Method: 8270C | Date Collected: 03/10/2011 14:15

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2026(g) | Date Analyzed: 03/14/2011 08:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	92		36-145
4165-62-2	Phenol-d5	80		38-149
4165-60-0	Nitrobenzene-d5	90		38-141
321-60-8	2-Fluorobiphenyl	81		42-140
118-79-6	2,4,6-Tribromophenol	86		28-143
1718-51-0	Terphenyl-d14	63		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (4-5) | Lab Sample ID: 580-24912-10

Matrix: Solid | Lab File ID: ak024464.D

Analysis Method: 8270C | Date Collected: 03/10/2011 14:30

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5566(g) | Date Analyzed: 03/14/2011 09:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	20
111-44-4	Bis(2-chloroethyl)ether	ND		130	20
95-57-8	2-Chlorophenol	ND		130	20
541-73-1	1,3-Dichlorobenzene	ND		67	20
106-46-7	1,4-Dichlorobenzene	ND		67	20
100-51-6	Benzyl alcohol	ND		130	20
95-50-1	1,2-Dichlorobenzene	ND		67	20
95-48-7	2-Methylphenol	ND		130	20
15831-10-4	3 & 4 Methylphenol	ND		270	20
621-64-7	N-Nitrosodi-n-propylamine	ND		130	20
67-72-1	Hexachloroethane	ND		130	20
98-95-3	Nitrobenzene	ND		130	45
78-59-1	Isophorone	ND		130	6.7
88-75-5	2-Nitrophenol	ND		130	20
105-67-9	2,4-Dimethylphenol	ND		130	20
65-85-0	Benzoic acid	ND		3300	1000
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.7
120-83-2	2,4-Dichlorophenol	ND		130	20
120-82-1	1,2,4-Trichlorobenzene	ND		67	20
91-20-3	Naphthalene	ND		27	6.7
106-47-8	4-Chloroaniline	ND		130	20
87-68-3	Hexachlorobutadiene	ND		67	20
59-50-7	4-Chloro-3-methylphenol	ND		130	20
91-57-6	2-Methylnaphthalene	ND		27	6.7
77-47-4	Hexachlorocyclopentadiene	ND		130	6.7
88-06-2	2,4,6-Trichlorophenol	ND		200	20
95-95-4	2,4,5-Trichlorophenol	ND		130	20
91-58-7	2-Chloronaphthalene	ND		27	6.7
88-74-4	2-Nitroaniline	ND		130	20
131-11-3	Dimethyl phthalate	ND		130	6.7
208-96-8	Acenaphthylene	ND		27	6.7
606-20-2	2,6-Dinitrotoluene	ND		130	20
99-09-2	3-Nitroaniline	ND		130	20
83-32-9	Acenaphthene	ND		27	6.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (4-5) | Lab Sample ID: 580-24912-10

Matrix: Solid | Lab File ID: ak024464.D

Analysis Method: 8270C | Date Collected: 03/10/2011 14:30

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5566(g) | Date Analyzed: 03/14/2011 09:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	270
100-02-7	4-Nitrophenol	ND		1300	330
132-64-9	Dibenzofuran	ND		130	6.7
121-14-2	2,4-Dinitrotoluene	ND		130	20
84-66-2	Diethyl phthalate	ND		130	20
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	20
86-73-7	Fluorene	ND		27	6.7
100-01-6	4-Nitroaniline	ND		130	20
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND		67	6.7
101-55-3	4-Bromophenyl phenyl ether	ND		130	20
118-74-1	Hexachlorobenzene	ND		67	6.7
87-86-5	Pentachlorophenol	ND		270	20
85-01-8	Phenanthrene	ND		27	6.7
120-12-7	Anthracene	ND		27	6.7
84-74-2	Di-n-butyl phthalate	ND		270	67
206-44-0	Fluoranthene	ND		27	6.7
129-00-0	Pyrene	ND		27	6.7
85-68-7	Butyl benzyl phthalate	ND		130	67
91-94-1	3,3'-Dichlorobenzidine	ND		270	40
56-55-3	Benzo[a]anthracene	ND		33	6.7
218-01-9	Chrysene	ND		33	6.7
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	67
117-84-0	Di-n-octyl phthalate	ND		270	6.7
50-32-8	Benzo[a]pyrene	ND		40	6.7
193-39-5	Indeno[1,2,3-cd]pyrene	ND		53	6.7
53-70-3	Dibenz(a,h)anthracene	ND		53	6.7
191-24-2	Benzo[g,h,i]perylene	ND		33	6.7
86-74-8	Carbazole	ND		200	6.7
90-12-0	1-Methylnaphthalene	ND		40	6.7
205-99-2	Benzo[b]fluoranthene	ND		27	6.7
207-08-9	Benzo[k]fluoranthene	ND		33	6.7
108-60-1	2,2'-oxybis[1-chloropropane]	ND		200	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (4-5) | Lab Sample ID: 580-24912-10

Matrix: Solid | Lab File ID: ak024464.D

Analysis Method: 8270C | Date Collected: 03/10/2011 14:30

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5566(g) | Date Analyzed: 03/14/2011 09:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	89		36-145
4165-62-2	Phenol-d5	95		38-149
4165-60-0	Nitrobenzene-d5	89		38-141
321-60-8	2-Fluorobiphenyl	66		42-140
118-79-6	2,4,6-Tribromophenol	76		28-143
1718-51-0	Terphenyl-d14	70		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB5 (0-1) | Lab Sample ID: 580-24912-11

Matrix: Solid | Lab File ID: ak024465.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:40

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.4807(g) | Date Analyzed: 03/14/2011 09:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND		120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		24	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		24	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		24	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB5 (0-1) | Lab Sample ID: 580-24912-11

Matrix: Solid | Lab File ID: ak024465.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:40

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.4807(g) | Date Analyzed: 03/14/2011 09:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	ND		24	6.1
120-12-7	Anthracene	ND		24	6.1
84-74-2	Di-n-butyl phthalate	ND		240	61
206-44-0	Fluoranthene	ND		24	6.1
129-00-0	Pyrene	ND		24	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND		240	37
56-55-3	Benzo[a]anthracene	ND		31	6.1
218-01-9	Chrysene	ND		31	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		240	6.1
50-32-8	Benzo[a]pyrene	ND		37	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.1
53-70-3	Dibenz(a,h)anthracene	ND		49	6.1
191-24-2	Benzo[g,h,i]perylene	ND		31	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	ND		37	6.1
205-99-2	Benzo[b]fluoranthene	ND		24	6.1
207-08-9	Benzo[k]fluoranthene	ND		31	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB5 (0-1) | Lab Sample ID: 580-24912-11

Matrix: Solid | Lab File ID: ak024465.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:40

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.4807(g) | Date Analyzed: 03/14/2011 09:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	88		36-145
4165-62-2	Phenol-d5	89		38-149
4165-60-0	Nitrobenzene-d5	81		38-141
321-60-8	2-Fluorobiphenyl	51		42-140
118-79-6	2,4,6-Tribromophenol	64		28-143
1718-51-0	Terphenyl-d14	54		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB05 (5-6) | Lab Sample ID: 580-24912-12

Matrix: Solid | Lab File ID: ak024466.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2524(g) | Date Analyzed: 03/14/2011 09:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	20
111-44-4	Bis(2-chloroethyl)ether	ND		130	20
95-57-8	2-Chlorophenol	ND		130	20
541-73-1	1,3-Dichlorobenzene	ND		67	20
106-46-7	1,4-Dichlorobenzene	ND		67	20
100-51-6	Benzyl alcohol	ND		130	20
95-50-1	1,2-Dichlorobenzene	ND		67	20
95-48-7	2-Methylphenol	ND		130	20
15831-10-4	3 & 4 Methylphenol	ND		270	20
621-64-7	N-Nitrosodi-n-propylamine	ND		130	20
67-72-1	Hexachloroethane	ND		130	20
98-95-3	Nitrobenzene	ND		130	46
78-59-1	Isophorone	ND		130	6.7
88-75-5	2-Nitrophenol	ND		130	20
105-67-9	2,4-Dimethylphenol	ND		130	20
65-85-0	Benzoic acid	ND		3300	1000
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.7
120-83-2	2,4-Dichlorophenol	ND		130	20
120-82-1	1,2,4-Trichlorobenzene	ND		67	20
91-20-3	Naphthalene	ND		27	6.7
106-47-8	4-Chloroaniline	ND		130	20
87-68-3	Hexachlorobutadiene	ND		67	20
59-50-7	4-Chloro-3-methylphenol	ND		130	20
91-57-6	2-Methylnaphthalene	ND		27	6.7
77-47-4	Hexachlorocyclopentadiene	ND		130	6.7
88-06-2	2,4,6-Trichlorophenol	ND		200	20
95-95-4	2,4,5-Trichlorophenol	ND		130	20
91-58-7	2-Chloronaphthalene	ND		27	6.7
88-74-4	2-Nitroaniline	ND		130	20
131-11-3	Dimethyl phthalate	ND		130	6.7
208-96-8	Acenaphthylene	ND		27	6.7
606-20-2	2,6-Dinitrotoluene	ND		130	20
99-09-2	3-Nitroaniline	ND		130	20
83-32-9	Acenaphthene	ND		27	6.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB05 (5-6) | Lab Sample ID: 580-24912-12

Matrix: Solid | Lab File ID: ak024466.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2524(g) | Date Analyzed: 03/14/2011 09:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	270
100-02-7	4-Nitrophenol	ND		1300	330
132-64-9	Dibenzofuran	ND		130	6.7
121-14-2	2,4-Dinitrotoluene	ND		130	20
84-66-2	Diethyl phthalate	ND		130	20
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	20
86-73-7	Fluorene	ND		27	6.7
100-01-6	4-Nitroaniline	ND		130	20
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND		67	6.7
101-55-3	4-Bromophenyl phenyl ether	ND		130	20
118-74-1	Hexachlorobenzene	ND		67	6.7
87-86-5	Pentachlorophenol	ND		270	20
85-01-8	Phenanthrene	ND		27	6.7
120-12-7	Anthracene	ND		27	6.7
84-74-2	Di-n-butyl phthalate	ND		270	67
206-44-0	Fluoranthene	ND		27	6.7
129-00-0	Pyrene	ND		27	6.7
85-68-7	Butyl benzyl phthalate	ND		130	67
91-94-1	3,3'-Dichlorobenzidine	ND		270	40
56-55-3	Benzo[a]anthracene	ND		33	6.7
218-01-9	Chrysene	ND		33	6.7
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	67
117-84-0	Di-n-octyl phthalate	ND		270	6.7
50-32-8	Benzo[a]pyrene	ND		40	6.7
193-39-5	Indeno[1,2,3-cd]pyrene	ND		54	6.7
53-70-3	Dibenz(a,h)anthracene	ND		54	6.7
191-24-2	Benzo[g,h,i]perylene	ND		33	6.7
86-74-8	Carbazole	ND		200	6.7
90-12-0	1-Methylnaphthalene	ND		40	6.7
205-99-2	Benzo[b]fluoranthene	ND		27	6.7
207-08-9	Benzo[k]fluoranthene	ND		33	6.7
108-60-1	2,2'-oxybis[1-chloropropane]	ND		200	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB05 (5-6) | Lab Sample ID: 580-24912-12

Matrix: Solid | Lab File ID: ak024466.D

Analysis Method: 8270C | Date Collected: 03/10/2011 13:50

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2524(g) | Date Analyzed: 03/14/2011 09:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 27.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	90		36-145
4165-62-2	Phenol-d5	93		38-149
4165-60-0	Nitrobenzene-d5	83		38-141
321-60-8	2-Fluorobiphenyl	59		42-140
118-79-6	2,4,6-Tribromophenol	59		28-143
1718-51-0	Terphenyl-d14	58		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (0-1) | Lab Sample ID: 580-24912-13

Matrix: Solid | Lab File ID: ak024459.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.4920(g) | Date Analyzed: 03/13/2011 12:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		60	18
106-46-7	1,4-Dichlorobenzene	ND		60	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		60	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	41
78-59-1	Isophorone	ND		120	6.0
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3000	900
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.0
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		60	18
91-20-3	Naphthalene	ND		24	6.0
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		60	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		24	6.0
77-47-4	Hexachlorocyclopentadiene	ND		120	6.0
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.0
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.0
208-96-8	Acenaphthylene	ND		24	6.0
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (0-1) | Lab Sample ID: 580-24912-13

Matrix: Solid | Lab File ID: ak024459.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.4920(g) | Date Analyzed: 03/13/2011 12:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	300
132-64-9	Dibenzofuran	ND		120	6.0
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.0
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		60	6.0
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		60	6.0
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	ND		24	6.0
120-12-7	Anthracene	ND		24	6.0
84-74-2	Di-n-butyl phthalate	ND		240	60
206-44-0	Fluoranthene	ND		24	6.0
129-00-0	Pyrene	ND		24	6.0
85-68-7	Butyl benzyl phthalate	ND		120	60
91-94-1	3,3'-Dichlorobenzidine	ND		240	36
56-55-3	Benzo[a]anthracene	ND		30	6.0
218-01-9	Chrysene	ND		30	6.0
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	60
117-84-0	Di-n-octyl phthalate	ND		240	6.0
50-32-8	Benzo[a]pyrene	ND		36	6.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND		48	6.0
53-70-3	Dibenz(a,h)anthracene	ND		48	6.0
191-24-2	Benzo[g,h,i]perylene	ND		30	6.0
86-74-8	Carbazole	ND		180	6.0
90-12-0	1-Methylnaphthalene	ND		36	6.0
205-99-2	Benzo[b]fluoranthene	ND		24	6.0
207-08-9	Benzo[k]fluoranthene	ND		30	6.0
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (0-1) | Lab Sample ID: 580-24912-13

Matrix: Solid | Lab File ID: ak024459.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.4920(g) | Date Analyzed: 03/13/2011 12:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	88		36-145
4165-62-2	Phenol-d5	82		38-149
4165-60-0	Nitrobenzene-d5	82		38-141
321-60-8	2-Fluorobiphenyl	73		42-140
118-79-6	2,4,6-Tribromophenol	66		28-143
1718-51-0	Terphenyl-d14	62		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 D(0-1) | Lab Sample ID: 580-24912-14

Matrix: Solid | Lab File ID: ak024462.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1260(g) | Date Analyzed: 03/13/2011 13:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		250	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND		120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		25	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		25	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		25	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		25	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		25	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 D(0-1) | Lab Sample ID: 580-24912-14

Matrix: Solid | Lab File ID: ak024462.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1260(g) | Date Analyzed: 03/13/2011 13:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		25	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		250	18
85-01-8	Phenanthrene	ND		25	6.1
120-12-7	Anthracene	ND		25	6.1
84-74-2	Di-n-butyl phthalate	ND		250	61
206-44-0	Fluoranthene	ND		25	6.1
129-00-0	Pyrene	ND		25	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND		250	37
56-55-3	Benzo[a]anthracene	ND		31	6.1
218-01-9	Chrysene	ND		31	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		250	6.1
50-32-8	Benzo[a]pyrene	ND		37	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.1
53-70-3	Dibenz(a,h)anthracene	ND		49	6.1
191-24-2	Benzo[g,h,i]perylene	ND		31	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	ND		37	6.1
205-99-2	Benzo[b]fluoranthene	ND		25	6.1
207-08-9	Benzo[k]fluoranthene	ND		31	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 D(0-1) | Lab Sample ID: 580-24912-14

Matrix: Solid | Lab File ID: ak024462.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:10

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.1260(g) | Date Analyzed: 03/13/2011 13:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	88		36-145
4165-62-2	Phenol-d5	90		38-149
4165-60-0	Nitrobenzene-d5	88		38-141
321-60-8	2-Fluorobiphenyl	85		42-140
118-79-6	2,4,6-Tribromophenol	75		28-143
1718-51-0	Terphenyl-d14	71		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) | Lab Sample ID: 580-24912-15

Matrix: Solid | Lab File ID: ak024463.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5338(g) | Date Analyzed: 03/13/2011 14:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		250	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND		120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		25	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		25	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		25	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		25	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		25	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) | Lab Sample ID: 580-24912-15

Matrix: Solid | Lab File ID: ak024463.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5338(g) | Date Analyzed: 03/13/2011 14:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		25	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		250	18
85-01-8	Phenanthrene	ND		25	6.1
120-12-7	Anthracene	ND		25	6.1
84-74-2	Di-n-butyl phthalate	ND		250	61
206-44-0	Fluoranthene	ND		25	6.1
129-00-0	Pyrene	ND		25	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND		250	37
56-55-3	Benzo[a]anthracene	ND		31	6.1
218-01-9	Chrysene	ND		31	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		250	6.1
50-32-8	Benzo[a]pyrene	ND		37	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.1
53-70-3	Dibenz(a,h)anthracene	ND		49	6.1
191-24-2	Benzo[g,h,i]perylene	ND		31	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	ND		37	6.1
205-99-2	Benzo[b]fluoranthene	ND		25	6.1
207-08-9	Benzo[k]fluoranthene	ND		31	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) | Lab Sample ID: 580-24912-15

Matrix: Solid | Lab File ID: ak024463.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.5338(g) | Date Analyzed: 03/13/2011 14:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	88		36-145
4165-62-2	Phenol-d5	85		38-149
4165-60-0	Nitrobenzene-d5	88		38-141
321-60-8	2-Fluorobiphenyl	72		42-140
118-79-6	2,4,6-Tribromophenol	75		28-143
1718-51-0	Terphenyl-d14	66		42-151

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81932/3	ak024424.D
Level 2	IC 580-81932/4	ak024425.D
Level 3	IC 580-81932/5	ak024426.D
Level 4	IC 580-81932/6	ak024427.D
Level 5	IC 580-81932/7	ak024428.D
Level 6	ICIS 580-81932/8	ak024429.D
Level 7	IC 580-81932/9	ak024430.D
Level 8	IC 580-81932/10	ak024431.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	+++++ 0.2389	0.2409 0.2504	0.2272 0.2461	0.2010	0.2151	Ave		0.2314				7.8		15.0			
Pyridine	+++++ 0.4528	0.3248 0.4875	0.3957 0.4326	0.2955	0.4002	Lin1	-45.24	0.4485							0.9950		0.9900
Cyclohexanone	+++++ 0.5320	0.4677 0.5707	0.5720 0.5319	0.4920	0.5351	Ave		0.5288				7.2		15.0			
Aniline	+++++ 1.4677	1.2081 1.5352	1.2572 1.5210	1.2600	1.4308	Ave		1.3829				9.9		15.0			
Benzyl alcohol	+++++ 0.6715	0.4057 0.6904	0.4356 0.6976	0.5821	0.5455	Lin1	-21.47	0.6942							0.9980		0.9900
Benzoic acid	+++++ 0.1588	+++++ 0.1653	0.0551 0.1766	0.0887	0.1415	Lin1	-73.15	0.1766							0.9990		0.9900
Phenol	0.9646 1.3830	1.1561 1.4223	1.1727 1.3526	1.2363	1.3609	Ave		1.2561				12.0		15.0			
N-Nitrosodi-n-propylamine	+++++ 0.6350	0.4968 0.6635	0.5601 0.6210	0.5633	0.5593	Ave		0.5855			0.0500	9.7		15.0			
3 & 4 Methylphenol	+++++ 1.1085	0.7700 1.0740	0.7880 1.0292	0.9127	0.8852	Ave		0.9382				14.0		15.0			
Bis(2-chloroethyl)ether	1.3541 1.1359	1.2594 1.1609	1.1957 1.0763	1.2719	1.0537	Ave		1.1885				8.6		15.0			
2-Chlorophenol	0.8788 1.3363	1.0247 1.3866	1.0708 1.2919	1.0613	1.2159	Lin1	-14.29	1.3167							0.9980		0.9900
n-Decane	0.6618 0.8411	0.8619 0.8691	0.8600 0.8058	0.8414	0.8537	Ave		0.8243				8.3		15.0			
Nitrobenzene	+++++ 0.2481	0.2071 0.2627	0.2532 0.2614	0.2465	0.2569	Ave		0.2480				7.7		15.0			
1,3-Dichlorobenzene	1.4956 1.6002	1.5149 1.6208	1.4386 1.5413	1.6299	1.6279	Ave		1.5587				4.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.3836 1.6690	1.6262 1.7158	1.5678 1.6180	1.5195	1.6737	Ave		1.5967				6.6		15.0			
2-Nitrophenol	+++++ 0.1948	0.1018 0.2103	0.1436 0.2074	0.1814	0.1821	Lin1	-6.086	0.2081							0.9990		0.9900
1,2-Dichlorobenzene	1.1661 1.5421	1.7129 1.5745	1.4749 1.4789	1.4555	1.5640	Ave		1.4961				10.0		15.0			
Bis(2-chloroethoxy)methane	+++++ 0.3363	0.2752 0.3393	0.3049 0.3404	0.3129	0.3312	Lin1	-3.743	0.3407							1.0000		0.9900
2-Methylphenol	0.7325 1.0591	0.7726 1.0475	0.9873 1.0037	0.9028	0.9471	Ave		0.9316				13.0		15.0			
2,2'-oxybis[1-chloropropane]	0.7475 0.8969	0.8971 0.8987	0.8784 0.8369	0.8470	0.9031	Ave		0.8632				6.1		15.0			
2,4-Dichlorophenol	+++++ 0.3110	0.1904 0.3227	0.2195 0.3282	0.2495	0.3059	Lin1	-9.422	0.3274							0.9990		0.9900
Acetophenone	+++++ 1.4710	1.1987 1.5194	1.3155 1.4467	1.2907	1.4302	Ave		1.3818				8.3		15.0			
Hexachloroethane	0.4239 0.5320	0.5213 0.5388	0.5464 0.5110	0.5346	0.5230	Ave		0.5164				7.5		15.0			
4-Chloroaniline	+++++ 0.3909	0.3237 0.4082	0.3431 0.4030	0.3641	0.3832	Ave		0.3737				8.4		15.0			
Isophorone	0.3759 0.4756	0.4111 0.4809	0.4324 0.4696	0.4277	0.4539	Ave		0.4409				8.2		15.0			
2,4-Dimethylphenol	+++++ 0.2823	0.2325 0.2823	0.2436 0.2865	0.2248	0.2626	Ave		0.2592				9.9		15.0			
4-Chloro-3-methylphenol	+++++ 0.2379	0.1469 0.2373	0.1494 0.2385	0.1714	0.2270	Lin1	-7.022	0.2400							0.9990		0.9900
2,4-Dinitrophenol	+++++ 0.1588	+++++ 0.1755	0.0443 0.1789	0.0878	0.1255	Qua2	-59.77	0.1571	0		0.0500				0.9950		0.9900
4-Nitrophenol	+++++ 0.0856	+++++ 0.0843	0.0378 0.0843	0.0649	0.0768	Lin1	-22.13	0.0861			0.0500				1.0000		0.9900
1,2,4-Trichlorobenzene	0.3889 0.4200	0.3917 0.4144	0.4104 0.4093	0.3980	0.4064	Ave		0.4049				2.7		15.0			
Hexachlorocyclopentadiene	+++++ 0.3482	0.1531 0.4199	0.1809 0.4457	0.2428	0.3008	Qua1	-15.43	0.3609	0		0.0500				0.9970		0.9900
Naphthalene	0.9284 1.0472	1.0405 1.0382	1.0016 1.0199	1.0193	1.0696	Ave		1.0206				4.2		15.0			
2,4,6-Trichlorophenol	+++++ 0.4186	0.2586 0.4237	0.3218 0.4184	0.3579	0.4056	Lin1	-9.170	0.4228							1.0000		0.9900
Hexachlorobutadiene	0.2429 0.2727	0.2753 0.2613	0.2726 0.2633	0.2609	0.2662	Ave		0.2644				3.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,5-Trichlorophenol	+++++ 0.4238	0.3238 0.4318	0.3792 0.4467	0.4251	0.4074	Ave		0.4054				10.0		15.0			
2-Nitroaniline	+++++ 0.1748	0.0771 0.1782	0.1338 0.1725	0.1559	0.1577	Lin1	-4.611	0.1755							0.9990		0.9900
Dimethyl phthalate	+++++ 1.2095	1.0950 1.1908	1.1299 1.1401	1.1926	1.2095	Ave		1.1668				3.9		15.0			
2,6-Dinitrotoluene	+++++ 0.3047	0.2085 0.3057	0.2483 0.2971	0.2813	0.2950	Lin1	-4.468	0.3019							1.0000		0.9900
2-Methylnaphthalene	0.7150 0.7368	0.6716 0.7189	0.6684 0.7122	0.6856	0.7328	Ave		0.7052				3.8		15.0			
3-Nitroaniline	+++++ 0.2670	0.1762 0.2720	0.1622 0.2534	0.2022	0.2522	Lin1	-6.326	0.2614							0.9980		0.9900
Pentachlorophenol	+++++ 0.1517	+++++ 0.1748	+++++ 0.1885	0.1001	0.1313	Lin1	-22.76	0.1889							0.9980		0.9900
1-Methylnaphthalene	0.6428 0.7136	0.6607 0.7014	0.7190 0.7017	0.7005	0.7432	Ave		0.6978				4.6		15.0			
2,4-Dinitrotoluene	+++++ 0.4007	0.2441 0.3894	0.2550 0.3636	0.3348	0.3773	Lin1	-7.173	0.3775							0.9980		0.9900
2,3-Dichloroaniline	0.5553 0.6546	0.5040 0.6584	0.5869 0.6340	0.5947	0.6406	Ave		0.6036				9.0		15.0			
2,3,5,6-Tetrachlorophenol	+++++ 0.4002	0.2009 0.4033	0.2828 0.3946	0.3253	0.3738	Lin1	-10.97	0.4008							1.0000		0.9900
2,3,4,6-Tetrachlorophenol	+++++ 0.4443	0.2877 0.4219	0.3391 0.4106	0.3863	0.3925	Ave		0.3832				14.0		15.0			
Biphenyl	1.2610 1.4598	1.4477 1.5208	1.5126 1.4434	1.4354	1.5178	Ave		1.4498				5.8		15.0			
2-Chloronaphthalene	0.8985 1.2104	1.1882 1.2360	1.1449 1.1792	1.1705	1.2428	Ave		1.1588				9.5		15.0			
4-Nitroaniline	+++++ 0.2672	0.1517 0.2519	0.1336 0.2333	0.1970	0.2339	Lin1	-6.158	0.2438							0.9960		0.9900
4,6-Dinitro-2-methylphenol	+++++ 0.1518	0.0533 0.1599	0.0777 0.1677	0.1048	0.1327	Lin1	-40.05	0.1654							0.9980		0.9900
Acenaphthylene	1.5758 1.7522	1.5545 1.7740	1.6725 1.7052	1.6897	1.7787	Ave		1.6878				5.0		15.0			
Acenaphthene	1.1529 1.2004	1.0820 1.1937	1.1902 1.1441	1.1652	1.2171	Ave		1.1682				3.7		15.0			
Dibenzofuran	1.4827 1.6905	1.6864 1.6972	1.6393 1.5771	1.6924	1.7339	Ave		1.6499				5.0		15.0			
Diethyl phthalate	1.1875 1.0797	1.0433 1.0444	1.0527 1.0264	1.1154	1.1203	Ave		1.0837				5.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Chlorophenyl phenyl ether	0.5929 0.7335	0.7120 0.7302	0.7072 0.6892	0.7444	0.7512	Lin2	-2.611	0.7365							0.9990		0.9900
Fluorene	1.3028 1.3506	1.2493 1.3313	1.2739 1.2598	1.3054	1.3449	Ave		1.3023				3.0		15.0			
N-Nitrosodiphenylamine	0.5683 0.6612	0.5495 0.6847	0.5823 0.6543	0.6230	0.6615	Ave		0.6231				8.1		15.0			
Azobenzene	0.4033 0.4625	0.3986 0.4915	0.4360 0.4773	0.4363	0.4530	Ave		0.4448				7.4		15.0			
4-Bromophenyl phenyl ether	0.3034 0.3229	0.3051 0.3393	0.3114 0.3292	0.2979	0.3188	Ave		0.3160				4.5		15.0			
Hexachlorobenzene	0.4544 0.4516	0.4430 0.4670	0.4571 0.4621	0.4523	0.4513	Ave		0.4549				1.6		15.0			
Octadecane	0.1549 0.1436	0.1277 0.1584	0.1260 0.1523	0.1269	0.1473	Ave		0.1421				9.4		15.0			
Phenanthrene	1.0514 1.1738	1.1404 1.1818	1.2325 1.1421	1.1981	1.2134	Ave		1.1667				4.8		15.0			
Anthracene	1.0447 1.1959	1.0162 1.2239	1.0328 1.1595	1.1004	1.1483	Ave		1.1152				7.0		15.0			
Carbazole	0.8597 1.0201	0.8775 0.9849	0.8956 0.8470	0.9209	1.0173	Ave		0.9279				7.6		15.0			
Di-n-butyl phthalate	1.2848 1.2484	1.1734 1.3325	1.1232 1.2887	1.0914	1.1869	Ave		1.2162				7.0		15.0			
Fluoranthene	1.1884 1.4315	1.2001 1.4404	1.2749 1.2884	1.2751	1.3730	Ave		1.3090				7.4		15.0			
Benzidine	0.3270 0.5360	0.3915 0.4031	0.2775 0.2627	0.4659	0.5250	Qua1	-15.41	0.5472	0						0.9920		0.9900
Pyrene	1.3356 1.5500	1.3937 1.5636	1.3787 1.3529	1.4159	1.5387	Ave		1.4412				6.5		15.0			
Butyl benzyl phthalate	0.3520 0.3634	0.3078 0.4125	0.3086 0.4277	0.3024	0.3397	Ave		0.3518				14.0		15.0			
3,3'-Dichlorobenzidine	0.2943 0.3648	0.2992 0.2932	0.2721 0.2694	0.3531	0.3983	Ave		0.3180				15.0		15.0			
Benzo[a]anthracene	1.0833 1.1352	1.0080 1.1227	1.0614 1.1333	1.0171	1.0895	Ave		1.0813				4.6		15.0			
Bis(2-ethylhexyl) phthalate	0.6912 0.5588	0.4992 0.5805	0.4990 0.6102	0.4726	0.5055	Ave		0.5521				13.0		15.0			
Chrysene	1.0896 1.1083	1.0874 1.0787	1.1039 1.0834	1.0797	1.0838	Ave		1.0894				1.0		15.0			
Di-n-octyl phthalate	0.5709 0.8136	0.5578 0.9375	0.6600 0.8818	0.5888	0.6862	Lin1	-14.92	0.8775							0.9940		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzo[b]fluoranthene	1.0229 1.2179	1.0664 1.2488	1.1099 1.1767	1.0097	1.1662	Ave		1.1273				7.9		15.0			
Benzofluoranthene	1.0489 1.1644	1.0522 1.2023	1.1099 1.1625	1.0750	1.1298	Ave		1.1181				5.1		15.0			
Benzo[k]fluoranthene	1.1170 1.1872	1.1512 1.2543	1.1945 1.2320	1.1968	1.1794	Ave		1.1890				3.6		15.0			
Benzo[a]pyrene	0.8695 1.0583	0.9319 1.1024	0.9081 1.0849	0.9476	1.0365	Ave		0.9924				8.9		15.0			
Indeno[1,2,3-cd]pyrene	0.9289 1.1502	1.0813 1.2281	0.9552 1.3102	1.1992	1.2424	Ave		1.1369				12.0		15.0			
Dibenz(a,h)anthracene	0.7882 0.9805	0.8900 1.0014	0.7385 1.0928	0.9666	1.0451	Ave		0.9379				13.0		15.0			
Benzo[g,h,i]perylene	0.8846 0.9764	0.9094 1.0366	0.8229 1.0835	1.0470	1.1126	Ave		0.9841				10.0		15.0			
2-Fluorophenol	1.1393 1.1099	0.9659 1.1457	0.9369 1.0650	0.9935	1.0965	Ave		1.0566				7.7		15.0			
Phenol-d5	+++++ 1.3592	1.0214 1.3982	1.0314 1.3367	1.0789	1.3197	Ave		1.2208				14.0		15.0			
Nitrobenzene-d5	+++++ 0.2732	0.2138 0.2807	0.2207 0.2745	0.2592	0.2723	Ave		0.2563				11.0		15.0			
2-Fluorobiphenyl	1.2191 1.4378	1.3427 1.4918	1.4337 1.4119	1.4220	1.4944	Ave		1.4067				6.4		15.0			
2,4,6-Tribromophenol	+++++ 0.2711	0.2266 0.2825	0.2074 0.2827	0.2373	0.2479	Ave		0.2508				12.0		15.0			
Terphenyl-d14	1.1725 1.4690	1.2728 1.4653	1.2971 1.2337	1.3530	1.4232	Ave		1.3358				8.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81932/3	ak024424.D
Level 2	IC 580-81932/4	ak024425.D
Level 3	IC 580-81932/5	ak024426.D
Level 4	IC 580-81932/6	ak024427.D
Level 5	IC 580-81932/7	ak024428.D
Level 6	ICIS 580-81932/8	ak024429.D
Level 7	IC 580-81932/9	ak024430.D
Level 8	IC 580-81932/10	ak024431.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	+++++ 118812	5543 235599	10877 588177	19348	49358	+++++ 5000	250 10000	500 25000	1000	2500
Pyridine	DCB	Lin1	+++++ 225200	7474 458658	18944 1033726	28449	91849	+++++ 5000	250 10000	500 25000	1000	2500
Cyclohexanone	DCB	Ave	+++++ 52921	2152 107396	5477 254240	9472	24561	+++++ 1000	50.0 2000	100 5000	200	500
Aniline	DCB	Ave	+++++ 146009	5559 288895	12039 726985	24260	65679	+++++ 1000	50.0 2000	100 5000	200	500
Benzyl alcohol	DCB	Lin1	+++++ 66800	1867 129919	4171 333407	11207	25039	+++++ 1000	50.0 2000	100 5000	200	500
Benzoic acid	NPT	Lin1	+++++ 293942	+++++ 587951	9432 1518435	31359	119675	+++++ 5000	+++++ 10000	500 25000	1000	2500
Phenol	DCB	Ave	1800 137583	5320 267648	11230 646511	23803	62468	20.0 1000	50.0 2000	100 5000	200	500
N-Nitrosodi-n-propylamine	DCB	Ave	+++++ 63165	2286 124852	5363 296813	10845	25672	+++++ 1000	50.0 2000	100 5000	200	500
3 & 4 Methylphenol	DCB	Ave	+++++ 110270	3543 202105	7546 491919	17572	40632	+++++ 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethyl)ether	DCB	Ave	2527 113004	5795 218460	11450 514441	24488	48368	20.0 1000	50.0 2000	100 5000	200	500
2-Chlorophenol	DCB	Lin1	1640 132935	4715 260919	10254 617472	20434	55814	20.0 1000	50.0 2000	100 5000	200	500
n-Decane	DCB	Ave	1235 83675	3966 163544	8235 385132	16200	39187	20.0 1000	50.0 2000	100 5000	200	500
Nitrobenzene	NPT	Ave	+++++ 91843	3492 186867	8663 449517	17426	43441	+++++ 1000	50.0 2000	100 5000	200	500
1,3-Dichlorobenzene	DCB	Ave	2791 159192	6971 305001	13776 736686	31381	74724	20.0 1000	50.0 2000	100 5000	200	500
1,4-Dichlorobenzene	DCB	Ave	2582 166029	7483 322873	15013 773350	29256	76828	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Nitrophenol	NPT	Lin1	+++++ 72097	1716 149596	4911 356726	12826	30800	+++++ 1000	50.0 2000	100 5000	200	500
1,2-Dichlorobenzene	DCB	Ave	2176 153403	7882 296276	14123 706851	28023	71793	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethoxy)methane	NPT	Lin1	+++++ 124465	4640 241343	10430 585309	22126	56010	+++++ 1000	50.0 2000	100 5000	200	500
2-Methylphenol	DCB	Ave	1367 105355	3555 197108	9454 479735	17382	43474	20.0 1000	50.0 2000	100 5000	200	500
2,2'-oxybis[1-chloropropane]	DCB	Ave	1395 89227	4128 169108	8411 400033	16308	41457	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dichlorophenol	NPT	Lin1	+++++ 115103	3211 229572	7509 564337	17641	51734	+++++ 1000	50.0 2000	100 5000	200	500
Acetophenone	DCB	Ave	+++++ 146335	5516 285919	12597 691467	24851	65651	+++++ 1000	50.0 2000	100 5000	200	500
Hexachloroethane	DCB	Ave	791 52923	2399 101397	5232 244254	10293	24006	20.0 1000	50.0 2000	100 5000	200	500
4-Chloroaniline	NPT	Ave	+++++ 144694	5458 290376	11737 693070	25741	64800	+++++ 1000	50.0 2000	100 5000	200	500
Isophorone	NPT	Ave	2571 176044	6932 342058	14792 807655	30240	76761	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dimethylphenol	NPT	Ave	+++++ 104474	3920 200810	8333 492735	15896	44411	+++++ 1000	50.0 2000	100 5000	200	500
4-Chloro-3-methylphenol	NPT	Lin1	+++++ 88039	2478 168816	5112 410188	12119	38395	+++++ 1000	50.0 2000	100 5000	200	500
2,4-Dinitrophenol	ANT	Qua2	+++++ 183031	+++++ 375719	4582 957057	18706	65561	+++++ 5000	+++++ 10000	500 25000	1000	2500
4-Nitrophenol	ANT	Lin1	+++++ 98631	+++++ 180441	3910 451123	13829	40131	+++++ 5000	+++++ 10000	500 25000	1000	2500
1,2,4-Trichlorobenzene	NPT	Ave	2660 155461	6606 294796	14039 703879	28138	68739	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorocyclopentadiene	ANT	Qua1	+++++ 80261	1599 179831	3743 476819	10344	31429	+++++ 1000	50.0 2000	100 5000	200	500
Naphthalene	NPT	Ave	6349 387595	17546 738543	34265 1753974	72066	180896	20.0 1000	50.0 2000	100 5000	200	500
2,4,6-Trichlorophenol	ANT	Lin1	+++++ 96489	2701 181451	6656 447554	15246	42373	+++++ 1000	50.0 2000	100 5000	200	500
Hexachlorobutadiene	NPT	Ave	1661 100923	4643 185895	9325 452848	18443	45025	20.0 1000	50.0 2000	100 5000	200	500
2,4,5-Trichlorophenol	ANT	Ave	+++++ 97684	3381 184914	7844 477873	18110	42565	+++++ 1000	50.0 2000	100 5000	200	500
2-Nitroaniline	ANT	Lin1	+++++ 40289	805 76320	2767 184484	6643	16480	+++++ 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dimethyl phthalate	ANT	Ave	+++++ 278776	11435 509955	23372 1219647	50806	126373	+++++ 1000	50.0 2000	100 5000	200	500
2,6-Dinitrotoluene	ANT	Lin1	+++++ 70228	2177 130924	5137 317870	11984	30824	+++++ 1000	50.0 2000	100 5000	200	500
2-Methylnaphthalene	NPT	Ave	4890 272696	11326 511355	22866 1224841	48474	123936	20.0 1000	50.0 2000	100 5000	200	500
3-Nitroaniline	ANT	Lin1	+++++ 61537	1840 116504	3356 271040	8616	26354	+++++ 1000	50.0 2000	100 5000	200	500
Pentachlorophenol	PHN	Lin1	+++++ 58130	+++++ 119438	+++++ 307230	7342	23212	+++++ 1000	+++++ 2000	+++++ 5000	200	500
1-Methylnaphthalene	NPT	Ave	4396 264096	11142 498911	24595 1206778	49524	125694	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dinitrotoluene	ANT	Lin1	+++++ 92348	2549 166769	5275 388910	14264	39419	+++++ 1000	50.0 2000	100 5000	200	500
2,3-Dichloroaniline	ANT	Ave	2363 150814	5261 281859	12136 677909	25326	66902	20.0 1000	50.0 1999	100.0 4998	200	500
2,3,5,6-Tetrachlorophenol	ANT	Lin1	+++++ 92246	2098 172723	5849 422084	13859	39058	+++++ 1000	50.0 2000	100 5000	200	500
2,3,4,6-Tetrachlorophenol	ANT	Ave	+++++ 102397	3004 180658	7015 439260	16459	41013	+++++ 1000	50.0 2000	100 5000	200	500
Biphenyl	ANT	Ave	5368 336466	15119 651259	31289 1544046	61152	158580	20.0 1000	50.0 2000	100 5000	200	500
2-Chloronaphthalene	ANT	Ave	3825 278986	12409 529298	23682 1261450	49864	129854	20.0 1000	50.0 2000	100 5000	200	500
4-Nitroaniline	ANT	Lin1	+++++ 61590	1584 107856	2763 249610	8393	24440	+++++ 1000	50.0 2000	100 5000	200	500
4,6-Dinitro-2-methylphenol	PHN	Lin1	+++++ 290879	4773 546416	13214 1366414	38411	117305	+++++ 5000	250 10000	500 25000	1000	2500
Acenaphthylene	ANT	Ave	6708 403856	16234 759707	34597 1824089	71983	185842	20.0 1000	50.0 2000	100 5000	200	500
Acenaphthene	ANT	Ave	4908 276673	11299 511187	24620 1223868	49640	127161	20.0 1000	50.0 2000	100 5000	200	500
Dibenzofuran	ANT	Ave	6312 389626	17611 726804	33911 1687128	72099	181165	20.0 1000	50.0 2000	100 5000	200	500
Diethyl phthalate	ANT	Ave	5055 248844	10895 447240	21776 1097972	47518	117052	20.0 1000	50.0 2000	100 5000	200	500
4-Chlorophenyl phenyl ether	ANT	Lin2	2524 169057	7436 312714	14629 737271	31711	78490	20.0 1000	50.0 2000	100 5000	200	500
Fluorene	ANT	Ave	5546 311291	13047 570143	26352 1347631	55612	140517	20.0 1000	50.0 2000	100 5000	200	500
N-Nitrosodiphenylamine	PHN	Ave	3996 253348	9840 467864	19803 1066318	45688	116927	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Azobenzene	PHN	Ave	2836 177217	7138 335835	14827 777914	31995	80078	20.0 1000	50.0 2000	100 5000	200	500
4-Bromophenyl phenyl ether	PHN	Ave	2133 123740	5463 231842	10590 536454	21846	56351	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorobenzene	PHN	Ave	3195 173052	7932 319158	15545 753035	33172	79774	20.0 1000	50.0 2000	100 5000	200	500
Octadecane	PHN	Ave	1089 54986	2286 108198	4284 248053	9302	26034	20.0 1000	50.0 1999	100.0 4998	200	500
Phenanthrene	PHN	Ave	7393 449750	20420 807573	41918 1861280	87865	214488	20.0 1000	50.0 2000	100 5000	200	500
Anthracene	PHN	Ave	7346 458248	18197 836331	35127 1889624	80702	202975	20.0 1000	50.0 2000	100 5000	200	500
Carbazole	PHN	Ave	6045 390867	15713 673032	30458 1380441	67539	179827	20.0 1000	50.0 2000	100 5000	200	500
Di-n-butyl phthalate	PHN	Ave	9034 478368	21012 910553	38199 2100207	80041	209807	20.0 1000	50.0 2000	100 5000	200	500
Fluoranthene	PHN	Ave	8356 548510	21490 984318	43358 2099745	93510	242705	20.0 1000	50.0 2000	100 5000	200	500
Benzidine	PHN	Qua1	4598 410730	14022 550850	18875 856140	68334	185601	40.0 2000	100 4000	200 10000	400	1000
Pyrene	PHN	Ave	9391 593926	24957 1068485	46889 2204871	103838	271994	20.0 1000	50.0 2000	100 5000	200	500
Butyl benzyl phthalate	CRY	Ave	3290 203095	7519 340271	12651 658008	31666	87998	20.0 1000	50.0 2000	100 5000	200	500
3,3'-Dichlorobenzidine	CRY	Ave	5500 407746	14617 483680	22307 828918	73951	206368	40.0 2000	100 4000	200 10000	400	1000
Benzo[a]anthracene	CRY	Ave	10124 634467	24625 926055	43514 1743649	106496	282266	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-ethylhexyl) phthalate	CRY	Ave	6460 312298	12196 478834	20458 938941	49487	130959	20.0 1000	50.0 2000	100 5000	200	500
Chrysene	CRY	Ave	10183 619412	26566 889759	45258 1667012	113051	280797	20.0 1000	50.0 2000	100 5000	200	500
Di-n-octyl phthalate	PRY	Lin1	5850 450812	14329 648497	23843 1386902	65867	193947	20.0 1000	50.0 2000	100 5000	200	500
Benzo[b]fluoranthene	PRY	Ave	10481 674819	27395 863870	40095 1850646	112961	329612	20.0 1000	50.0 2000	100 5000	200	500
Benzofluoranthene	PRY	Ave	21494 1290293	54063 1663399	80188 3656654	240530	638640	40.0 2000	100 4000	200 10000	400	1000
Benzo[k]fluoranthene	PRY	Ave	11445 657817	29574 867677	43151 1937645	133892	333341	20.0 1000	50.0 2000	100 5000	200	500
Benzo[a]pyrene	PRY	Ave	8909 586349	23940 762604	32807 1706378	106011	292958	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Indeno[1,2,3-cd]pyrene	PRY	Ave	9518 637285	27778 849538	34508 2060655	134164	351159	20.0 1000	50.0 2000	100 5000	200	500
Dibenz(a,h)anthracene	PRY	Ave	8076 543274	22864 692712	26677 1718802	108134	295380	20.0 1000	50.0 2000	100 5000	200	500
Benzo[g,h,i]perylene	PRY	Ave	9064 540996	23363 717033	29729 1704052	117127	314474	20.0 1000	50.0 2000	100 5000	200	500
2-Fluorophenol	DCB	Ave	2109 109534	4409 213865	8900 504961	18976	49931	19.8 992	49.6 1984	99.2 4960	198	496
Phenol-d5	DCB	Ave	+++++ 132304	4599 257443	9664 625144	20326	59277	+++++ 979	48.9 1957	97.9 4893	196	489
Nitrobenzene-d5	NPT	Ave	+++++ 99497	3547 196474	7430 464449	18032	45311	+++++ 984	49.2 1968	98.4 4920	197	492
2-Fluorobiphenyl	ANT	Ave	5117 326752	13826 629922	29242 1489280	59733	153951	19.7 986	49.3 1972	98.6 4930	197	493
2,4,6-Tribromophenol	PHN	Ave	+++++ 102306	3996 190092	6946 453765	17137	43143	+++++ 985	49.2 1970	98.5 4924	197	492
Terphenyl-d14	PHN	Ave	7997 545995	22108 971273	42790 1950213	96245	244028	19.4 970	48.5 1940	97.0 4850	194	485

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81932/11 Calibration Date: 03/09/2011 14:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024432.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pyridine	Lin1		0.4374		5050	5070	-0.5	25.0
N-Nitrosodimethylamine	Ave	0.2314	0.2331		5010	4970	0.8	25.0
Cyclohexanone	Ave	0.5288	0.5987		1130	1000	13.2	25.0
Phenol	Ave	1.256	1.387		1090	990	10.4	25.0
Aniline	Ave	1.383	1.507		1090	1000	8.9	25.0
Bis(2-chloroethyl)ether	Ave	1.188	1.280		1080	1000	7.7	25.0
2-Chlorophenol	Lin1		1.433		1080	981	10.0	25.0
n-Decane	Ave	0.8243	0.9133		1100	996	10.8	25.0
1,3-Dichlorobenzene	Ave	1.559	1.610		1040	1010	3.3	25.0
1,4-Dichlorobenzene	Ave	1.597	1.722		1080	999	7.8	25.0
Benzyl alcohol	Lin1		0.6698		996	1000	-0.4	25.0
1,2-Dichlorobenzene	Ave	1.496	1.588		1060	1000	6.2	25.0
2-Methylphenol	Ave	0.9316	1.021		1100	1000	9.6	25.0
2,2'-oxybis[1-chloropropane]	Ave	0.8632	1.014		1170	999	17.4	25.0
N-Nitrosodi-n-propylamine	Ave	0.5855	0.6896	0.0500	1170	995	17.8	25.0
Acetophenone	Ave	1.382	1.610		1170	1000	16.5	25.0
3 & 4 Methylphenol	Ave	0.9382	1.082		1160	1010	15.3	25.0
Hexachloroethane	Ave	0.5164	0.5472		1060	1000	6.0	25.0
Nitrobenzene	Ave	0.2480	0.2846		1150	1000	14.8	25.0
Isophorone	Ave	0.4409	0.5171		1170	1000	17.3	25.0
2-Nitrophenol	Lin1		0.2100		1030	987	3.8	20.0
2,4-Dimethylphenol	Ave	0.2592	0.2659		1010	986	2.6	25.0
Bis(2-chloroethoxy)methane	Lin1		0.3949		1170	1000	17.0	25.0
Benzoic acid	Lin1		0.1294		4070	4980	-18.4	25.0
2,4-Dichlorophenol	Lin1		0.3300		1030	989	3.7	20.0
1,2,4-Trichlorobenzene	Ave	0.4049	0.4104		1010	1000	1.4	25.0
Naphthalene	Ave	1.021	1.067		1050	1000	4.6	25.0
4-Chloroaniline	Ave	0.3737	0.4084		1090	1000	9.3	25.0
Hexachlorobutadiene	Ave	0.2644	0.2724		1040	1010	3.0	25.0
4-Chloro-3-methylphenol	Lin1		0.2537		1070	984	8.7	20.0
2-Methylnaphthalene	Ave	0.7052	0.7721		1100	1000	9.5	25.0
1-Methylnaphthalene	Ave	0.6978	0.7248		1040	1000	3.9	25.0
Hexachlorocyclopentadiene	Qua1		0.3437	0.0500	954	1000	-5.1	25.0
2,3-Dichloroaniline	Ave	0.6036	0.6641		1110	1010	10.0	25.0
2,4,6-Trichlorophenol	Lin1		0.4497		1070	982	8.6	25.0
2,4,5-Trichlorophenol	Ave	0.4054	0.4785		1170	992	18.0	25.0
Biphenyl	Ave	1.450	1.570		1090	1010	8.3	25.0
2-Chloronaphthalene	Ave	1.159	1.231		1060	1000	6.2	25.0
2-Nitroaniline	Lin1		0.1974		1150	998	15.1	25.0
Dimethyl phthalate	Ave	1.167	1.243		1070	1000	6.5	25.0
2,6-Dinitrotoluene	Lin1		0.3385		1140	1000	13.6	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81932/11 Calibration Date: 03/09/2011 14:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024432.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.688	1.912		1130	1000	13.3	25.0
3-Nitroaniline	Lin1		0.2891		1130	1000	13.0	25.0
Acenaphthene	Ave	1.168	1.178		1010	1000	0.8	25.0
2,4-Dinitrophenol	Qua2		0.1225	0.0500	4140	4990	-17.0	25.0
4-Nitrophenol	Lin1		0.0853	0.0500	5250	5040	4.2	25.0
2,4-Dinitrotoluene	Lin1		0.4306		1160	1000	16.0	25.0
Dibenzofuran	Ave	1.650	1.777		1060	986	7.7	25.0
2,3,5,6-Tetrachlorophenol	Lin1		0.3688		961	1010	-5.3	25.0
2,3,4,6-Tetrachlorophenol	Ave	0.3832	0.4409		1140	988	15.1	25.0
Diethyl phthalate	Ave	1.084	1.119		1030	1000	3.3	25.0
4-Chlorophenyl phenyl ether	Lin2		0.8715		1190	1000	18.7	25.0
Fluorene	Ave	1.302	1.337		1040	1010	2.6	25.0
4-Nitroaniline	Lin1		0.2760		1160	1000	15.7	25.0
4,6-Dinitro-2-methylphenol	Lin1		0.1497		4780	5010	-4.7	25.0
N-Nitrosodiphenylamine	Ave	0.6231	0.7076		1130	998	13.6	25.0
Azobenzene	Ave	0.4448	0.4701		1040	986	5.7	25.0
4-Bromophenyl phenyl ether	Ave	0.3160	0.3686		1170	1000	16.6	25.0
Hexachlorobenzene	Ave	0.4549	0.4445		976	999	-2.3	25.0
Pentachlorophenol	Lin1		0.1743		1030	982	4.5	20.0
Octadecane	Ave	0.1421	0.1481		1040	1000	4.2	25.0
Phenanthrene	Ave	1.167	1.154		989	1000	-1.1	25.0
Anthracene	Ave	1.115	1.178		1060	1000	5.6	25.0
Carbazole	Ave	0.9279	1.056		1140	1000	13.8	25.0
Di-n-butyl phthalate	Ave	1.216	1.248		1030	1000	2.7	25.0
Fluoranthene	Ave	1.309	1.411		1080	1000	7.8	25.0
Benzidine	Qua1		0.4800		1990	2000	-0.5	25.0
Pyrene	Ave	1.441	1.482		1030	1000	2.8	25.0
Butyl benzyl phthalate	Ave	0.3518	0.3583		1020	1000	1.9	25.0
3,3'-Dichlorobenzidine	Ave	0.3180	0.3734		2370	2020	17.4	25.0
Benzo[a]anthracene	Ave	1.081	1.071		990	1000	-1.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.5521	0.5405		986	1010	-2.1	25.0
Chrysene	Ave	1.089	1.061		978	1000	-2.6	25.0
Di-n-octyl phthalate	Lin1		0.7636		888	1000	-11.3	20.0
Benzo[b]fluoranthene	Ave	1.127	1.033		916	1000	-8.4	25.0
Benzo[k]fluoranthene	Ave	1.189	1.203		1010	1000	1.1	25.0
Benzofluoranthene	Ave	1.118	1.096		1960	2000	-2.0	25.0
Benzo[a]pyrene	Ave	0.9924	0.9936		1000	1000	0.1	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.137	1.127		995	1000	-0.8	25.0
Dibenz(a,h)anthracene	Ave	0.9379	0.9437		1010	1000	0.6	25.0
Benzo[g,h,i]perylene	Ave	0.9841	0.9305		948	1000	-5.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82179/2 Calibration Date: 03/13/2011 11:02

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024455.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.2314	0.2326		5030	5000	0.5	
Pyridine	Lin1		0.4200		4780	5000	-4.3	
Cyclohexanone	Ave	0.5288	0.5582		1060	1000	5.6	
Phenol	Ave	1.256	1.361		1080	1000	8.4	20.0
Aniline	Ave	1.383	1.466		1060	1000	6.0	
Bis(2-chloroethyl)ether	Ave	1.188	1.089		916	1000	-8.4	
2-Chlorophenol	Lin1		1.330		1020	1000	2.1	
n-Decane	Ave	0.8243	0.8020		973	1000	-2.7	
1,3-Dichlorobenzene	Ave	1.559	1.528		980	1000	-2.0	
1,4-Dichlorobenzene	Ave	1.597	1.627		1020	1000	1.9	20.0
Benzyl alcohol	Lin1		0.4941		743	1000	-25.7	
1,2-Dichlorobenzene	Ave	1.496	1.485		992	1000	-0.8	
2-Methylphenol	Ave	0.9316	0.9933		1070	1000	6.6	
2,2'-oxybis[1-chloropropane]	Ave	0.8632	0.8708		1010	1000	0.9	
N-Nitrosodi-n-propylamine	Ave	0.5855	0.6389	0.0500	1090	1000	9.1	
Acetophenone	Ave	1.382	1.484		1070	1000	7.4	
3 & 4 Methylphenol	Ave	0.9382	0.9888		1050	1000	5.4	
Hexachloroethane	Ave	0.5164	0.5003		969	1000	-3.1	
Nitrobenzene	Ave	0.2480	0.2662		1070	1000	7.3	
Isophorone	Ave	0.4409	0.4933		1120	1000	11.9	
2-Nitrophenol	Lin1		0.2119		1050	1000	4.8	20.0
2,4-Dimethylphenol	Ave	0.2592	0.2825		1090	1000	9.0	
Bis(2-chloroethoxy)methane	Lin1		0.3310		983	1000	-1.7	
Benzoic acid	Lin1		0.1532		4750	5000	-5.0	
2,4-Dichlorophenol	Lin1		0.3144		989	1000	-1.1	20.0
1,2,4-Trichlorobenzene	Ave	0.4049	0.4210		1040	1000	4.0	
Naphthalene	Ave	1.021	1.046		1020	1000	2.4	
4-Chloroaniline	Ave	0.3737	0.3587		960	1000	-4.0	
Hexachlorobutadiene	Ave	0.2644	0.2609		987	1000	-1.3	20.0
4-Chloro-3-methylphenol	Lin1		0.2443		1050	1000	4.7	20.0
2-Methylnaphthalene	Ave	0.7052	0.7322		1040	1000	3.8	
1-Methylnaphthalene	Ave	0.6978	0.7300		1050	1000	4.6	
Hexachlorocyclopentadiene	Qua1		0.3375	0.0500	934	1000	-6.6	
2,3-Dichloroaniline	Ave	0.6036	0.6496		1080	1000	7.6	
2,4,6-Trichlorophenol	Lin1		0.4105		993	1000	-0.7	
2,4,5-Trichlorophenol	Ave	0.4054	0.4316		1060	1000	6.5	
Biphenyl	Ave	1.450	1.478		1020	1000	1.9	
2-Chloronaphthalene	Ave	1.159	1.208		1040	1000	4.3	
2-Nitroaniline	Lin1		0.1754		1030	1000	2.6	
Dimethyl phthalate	Ave	1.167	1.206		1030	1000	3.4	
2,6-Dinitrotoluene	Lin1		0.3038		1020	1000	2.1	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82179/2 Calibration Date: 03/13/2011 11:02

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024455.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.688	1.751		1040	1000	3.8	
3-Nitroaniline	Lin1		0.2629		1030	1000	3.0	
Acenaphthene	Ave	1.168	1.183		1010	1000	1.2	20.0
2,4-Dinitrophenol	Qua2		0.1239	0.0500	4190	5000	-16.2	
4-Nitrophenol	Lin1		0.0803	0.0500	4920	5000	-1.5	
2,4-Dinitrotoluene	Lin1		0.3783		1020	1000	2.1	
Dibenzofuran	Ave	1.650	1.713		1040	1000	3.8	
2,3,5,6-Tetrachlorophenol	Lin1		0.3756		964	1000	-3.6	
2,3,4,6-Tetrachlorophenol	Ave	0.3832	0.4058		1060	1000	5.9	
Diethyl phthalate	Ave	1.084	1.098		1010	1000	1.3	
4-Chlorophenyl phenyl ether	Lin2		0.7223		984	1000	-1.6	
Fluorene	Ave	1.302	1.371		1050	1000	5.2	
4-Nitroaniline	Lin1		0.2612		1100	1000	9.6	
4,6-Dinitro-2-methylphenol	Lin1		0.1282		4120	5000	-17.7	
N-Nitrosodiphenylamine	Ave	0.6231	0.6796		1090	1000	9.1	
Azobenzene	Ave	0.4448	0.4824		1080	1000	8.4	
4-Bromophenyl phenyl ether	Ave	0.3160	0.3322		1050	1000	5.1	
Hexachlorobenzene	Ave	0.4549	0.4429		974	1000	-2.6	
Pentachlorophenol	Lin1		0.1412		868	1000	-13.2	20.0
Octadecane	Ave	0.1421	0.1547		1090	1000	8.8	
Phenanthrene	Ave	1.167	1.179		1010	1000	1.1	
Anthracene	Ave	1.115	1.198		1070	1000	7.4	
Carbazole	Ave	0.9279	1.042		1120	1000	12.3	
Di-n-butyl phthalate	Ave	1.216	1.286		1060	1000	5.8	
Fluoranthene	Ave	1.309	1.426		1090	1000	9.0	20.0
Benzidine	Qua1		0.4607		1900	2000	-5.0	
Pyrene	Ave	1.441	1.510		1050	1000	4.8	
Butyl benzyl phthalate	Ave	0.3518	0.3998		1140	1000	13.7	
3,3'-Dichlorobenzidine	Ave	0.3180	0.4039		2540	2000	27.0	
Benzo[a]anthracene	Ave	1.081	1.085		1000	1000	0.3	
Bis(2-ethylhexyl) phthalate	Ave	0.5521	0.5855		1060	1000	6.0	
Chrysene	Ave	1.089	1.082		993	1000	-0.7	
Di-n-octyl phthalate	Lin1		0.9663		1120	1000	11.8	20.0
Benzo[b]fluoranthene	Ave	1.127	1.185		1050	1000	5.1	
Benzo[k]fluoranthene	Ave	1.189	1.272		1070	1000	7.0	
Benzofluoranthene	Ave	1.118	1.213		2170	2000	8.5	
Benzo[a]pyrene	Ave	0.9924	1.070		1080	1000	7.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.137	1.110		976	1000	-2.4	
Dibenz(a,h)anthracene	Ave	0.9379	0.9347		997	1000	-0.3	
Benzo[g,h,i]perylene	Ave	0.9841	0.8761		890	1000	-11.0	
2-Fluorophenol	Ave	1.057	1.071		1010	992	1.3	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82179/2 Calibration Date: 03/13/2011 11:02

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024455.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenol-d5	Ave	1.221	1.344		1080	978	10.1	
Nitrobenzene-d5	Ave	0.2563	0.2782		1070	984	8.5	
2-Fluorobiphenyl	Ave	1.407	1.452		1020	986	3.2	
2,4,6-Tribromophenol	Ave	0.2508	0.2632		1030	985	5.0	
Terphenyl-d14	Ave	1.336	1.424		1030	970	6.6	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82189/2 Calibration Date: 03/14/2011 07:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024460.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.2314	0.2452		5300	5000	6.0	
Pyridine	Lin1		0.4380		4980	5000	-0.3	
Cyclohexanone	Ave	0.5288	0.5859		1110	1000	10.8	
Phenol	Ave	1.256	1.380		1100	1000	9.9	20.0
Aniline	Ave	1.383	1.514		1090	1000	9.5	
Bis(2-chloroethyl)ether	Ave	1.188	1.110		934	1000	-6.6	
2-Chlorophenol	Lin1		1.268		974	1000	-2.6	
n-Decane	Ave	0.8243	0.8705		1060	1000	5.6	
1,3-Dichlorobenzene	Ave	1.559	1.587		1020	1000	1.8	
1,4-Dichlorobenzene	Ave	1.597	1.665		1040	1000	4.3	20.0
Benzyl alcohol	Lin1		0.5645		844	1000	-15.6	
1,2-Dichlorobenzene	Ave	1.496	1.545		1030	1000	3.3	
2-Methylphenol	Ave	0.9316	1.014		1090	1000	8.9	
2,2'-oxybis[1-chloropropane]	Ave	0.8632	0.9395		1090	1000	8.8	
Acetophenone	Ave	1.382	1.457		1050	1000	5.4	
N-Nitrosodi-n-propylamine	Ave	0.5855	0.6150	0.0500	1050	1000	5.0	
3 & 4 Methylphenol	Ave	0.9382	0.9536		1020	1000	1.6	
Hexachloroethane	Ave	0.5164	0.5276		1020	1000	2.2	
Nitrobenzene	Ave	0.2480	0.2714		1090	1000	9.4	
Isophorone	Ave	0.4409	0.4789		1090	1000	8.6	
2-Nitrophenol	Lin1		0.2081		1030	1000	2.9	20.0
2,4-Dimethylphenol	Ave	0.2592	0.2684		1040	1000	3.5	
Bis(2-chloroethoxy)methane	Lin1		0.3348		994	1000	-0.6	
Benzoic acid	Lin1		0.1590		4910	5000	-1.7	
2,4-Dichlorophenol	Lin1		0.3140		988	1000	-1.2	20.0
1,2,4-Trichlorobenzene	Ave	0.4049	0.4024		994	1000	-0.6	
Naphthalene	Ave	1.021	1.042		1020	1000	2.1	
4-Chloroaniline	Ave	0.3737	0.3753		1000	1000	0.4	
Hexachlorobutadiene	Ave	0.2644	0.2579		975	1000	-2.5	20.0
4-Chloro-3-methylphenol	Lin1		0.2250		966	1000	-3.4	20.0
2-Methylnaphthalene	Ave	0.7052	0.7158		1020	1000	1.5	
1-Methylnaphthalene	Ave	0.6978	0.7230		1040	1000	3.6	
Hexachlorocyclopentadiene	Qua1		0.3029	0.0500	846	1000	-15.4	
2,3-Dichloroaniline	Ave	0.6036	0.6379		1060	1000	5.7	
2,4,6-Trichlorophenol	Lin1		0.3981		963	1000	-3.7	
2,4,5-Trichlorophenol	Ave	0.4054	0.4204		1040	1000	3.7	
Biphenyl	Ave	1.450	1.492		1030	1000	2.9	
2-Chloronaphthalene	Ave	1.159	1.186		1020	1000	2.3	
2-Nitroaniline	Lin1		0.1797		1050	1000	5.0	
Dimethyl phthalate	Ave	1.167	1.231		1060	1000	5.5	
2,6-Dinitrotoluene	Lin1		0.3063		1030	1000	2.9	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82189/2 Calibration Date: 03/14/2011 07:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024460.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.688	1.800		1070	1000	6.6	
3-Nitroaniline	Lin1		0.2656		1040	1000	4.0	
Acenaphthene	Ave	1.168	1.175		1010	1000	0.6	20.0
2,4-Dinitrophenol	Qua2		0.1323	0.0500	4440	5000	-11.1	
4-Nitrophenol	Lin1		0.0876	0.0500	5340	5000	6.9	
2,4-Dinitrotoluene	Lin1		0.3904		1050	1000	5.3	
Dibenzofuran	Ave	1.650	1.714		1040	1000	3.9	
2,3,5,6-Tetrachlorophenol	Lin1		0.3785		972	1000	-2.8	
2,3,4,6-Tetrachlorophenol	Ave	0.3832	0.4080		1060	1000	6.5	
Diethyl phthalate	Ave	1.084	1.118		1030	1000	3.2	
4-Chlorophenyl phenyl ether	Lin2		0.7619		1040	1000	3.8	
Fluorene	Ave	1.302	1.370		1050	1000	5.2	
4-Nitroaniline	Lin1		0.2577		1080	1000	8.2	
4,6-Dinitro-2-methylphenol	Lin1		0.1297		4160	5000	-16.8	
N-Nitrosodiphenylamine	Ave	0.6231	0.6649		1070	1000	6.7	
Azobenzene	Ave	0.4448	0.4729		1060	1000	6.3	
4-Bromophenyl phenyl ether	Ave	0.3160	0.3238		1020	1000	2.5	
Hexachlorobenzene	Ave	0.4549	0.4392		966	1000	-3.4	
Pentachlorophenol	Lin1		0.1345		833	1000	-16.7	20.0
Octadecane	Ave	0.1421	0.1514		1060	1000	6.5	
Phenanthrene	Ave	1.167	1.189		1020	1000	1.9	
Anthracene	Ave	1.115	1.216		1090	1000	9.0	
Carbazole	Ave	0.9279	1.004		1080	1000	8.3	
Di-n-butyl phthalate	Ave	1.216	1.198		985	1000	-1.5	
Fluoranthene	Ave	1.309	1.389		1060	1000	6.1	20.0
Benzidine	Qua1		0.5267		2210	2000	10.3	
Pyrene	Ave	1.441	1.526		1060	1000	5.9	
Butyl benzyl phthalate	Ave	0.3518	0.3735		1060	1000	6.2	
3,3'-Dichlorobenzidine	Ave	0.3180	0.4144		2610	2000	30.3	
Benzo[a]anthracene	Ave	1.081	1.117		1030	1000	3.3	
Bis(2-ethylhexyl) phthalate	Ave	0.5521	0.5539		1000	1000	0.3	
Chrysene	Ave	1.089	1.112		1020	1000	2.0	
Di-n-octyl phthalate	Lin1		0.8654		1000	1000	0.3	20.0
Benzo[b]fluoranthene	Ave	1.127	1.147		1020	1000	1.8	
Benzo[k]fluoranthene	Ave	1.189	1.256		1060	1000	5.6	
Benzofluoranthene	Ave	1.118	1.191		2130	2000	6.5	
Benzo[a]pyrene	Ave	0.9924	1.077		1090	1000	8.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.137	1.154		1010	1000	1.5	
Dibenz(a,h)anthracene	Ave	0.9379	1.005		1070	1000	7.2	
Benzo[g,h,i]perylene	Ave	0.9841	0.9532		969	1000	-3.1	
2-Fluorophenol	Ave	1.057	1.067		1000	992	1.0	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVIS 580-82189/2 Calibration Date: 03/14/2011 07:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024460.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenol-d5	Ave	1.221	1.366		1090	978	11.9	
Nitrobenzene-d5	Ave	0.2563	0.2701		1040	984	5.4	
2-Fluorobiphenyl	Ave	1.407	1.455		1020	986	3.5	
2,4,6-Tribromophenol	Ave	0.2508	0.2598		1020	985	3.6	
Terphenyl-d14	Ave	1.336	1.416		1030	970	6.0	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82124/1-A

Matrix: Solid | Lab File ID: ak024460.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		100	15
111-44-4	Bis(2-chloroethyl)ether	ND		100	15
95-57-8	2-Chlorophenol	ND		100	15
541-73-1	1,3-Dichlorobenzene	ND		50	15
106-46-7	1,4-Dichlorobenzene	ND		50	15
100-51-6	Benzyl alcohol	ND		100	15
95-50-1	1,2-Dichlorobenzene	ND		50	15
95-48-7	2-Methylphenol	ND		100	15
15831-10-4	3 & 4 Methylphenol	ND		200	15
621-64-7	N-Nitrosodi-n-propylamine	ND		100	15
67-72-1	Hexachloroethane	ND		100	15
98-95-3	Nitrobenzene	ND		100	34
78-59-1	Isophorone	ND		100	5.0
88-75-5	2-Nitrophenol	ND		100	15
105-67-9	2,4-Dimethylphenol	ND		100	15
65-85-0	Benzoic acid	ND		2500	750
111-91-1	Bis(2-chloroethoxy)methane	ND		100	5.0
120-83-2	2,4-Dichlorophenol	ND		100	15
120-82-1	1,2,4-Trichlorobenzene	ND		50	15
91-20-3	Naphthalene	ND		20	5.0
106-47-8	4-Chloroaniline	ND		100	15
87-68-3	Hexachlorobutadiene	ND		50	15
59-50-7	4-Chloro-3-methylphenol	ND		100	15
91-57-6	2-Methylnaphthalene	ND		20	5.0
77-47-4	Hexachlorocyclopentadiene	ND		100	5.0
88-06-2	2,4,6-Trichlorophenol	ND		150	15
95-95-4	2,4,5-Trichlorophenol	ND		100	15
91-58-7	2-Chloronaphthalene	ND		20	5.0
88-74-4	2-Nitroaniline	ND		100	15
131-11-3	Dimethyl phthalate	ND		100	5.0
208-96-8	Acenaphthylene	ND		20	5.0
606-20-2	2,6-Dinitrotoluene	ND		100	15
99-09-2	3-Nitroaniline	ND		100	15
83-32-9	Acenaphthene	ND		20	5.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82124/1-A

Matrix: Solid | Lab File ID: ak024460.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1000	200
100-02-7	4-Nitrophenol	ND		1000	250
132-64-9	Dibenzofuran	ND		100	5.0
121-14-2	2,4-Dinitrotoluene	ND		100	15
84-66-2	Diethyl phthalate	ND		100	15
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	15
86-73-7	Fluorene	ND		20	5.0
100-01-6	4-Nitroaniline	ND		100	15
534-52-1	4,6-Dinitro-2-methylphenol	ND		1000	100
86-30-6	N-Nitrosodiphenylamine	ND		50	5.0
101-55-3	4-Bromophenyl phenyl ether	ND		100	15
118-74-1	Hexachlorobenzene	ND		50	5.0
87-86-5	Pentachlorophenol	ND		200	15
85-01-8	Phenanthrene	ND		20	5.0
120-12-7	Anthracene	ND		20	5.0
84-74-2	Di-n-butyl phthalate	ND		200	50
206-44-0	Fluoranthene	ND		20	5.0
129-00-0	Pyrene	ND		20	5.0
85-68-7	Butyl benzyl phthalate	ND		100	50
91-94-1	3,3'-Dichlorobenzidine	ND		200	30
56-55-3	Benzo[a]anthracene	ND		25	5.0
218-01-9	Chrysene	ND		25	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1500	50
117-84-0	Di-n-octyl phthalate	ND		200	5.0
50-32-8	Benzo[a]pyrene	ND		30	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND		40	5.0
53-70-3	Dibenz(a,h)anthracene	ND		40	5.0
191-24-2	Benzo[g,h,i]perylene	ND		25	5.0
86-74-8	Carbazole	ND		150	5.0
90-12-0	1-Methylnaphthalene	ND		30	5.0
205-99-2	Benzo[b]fluoranthene	ND		20	5.0
207-08-9	Benzo[k]fluoranthene	ND		25	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	ND		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82124/1-A

Matrix: Solid | Lab File ID: ak024460.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	95		36-145
4165-62-2	Phenol-d5	90		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	90		42-140
118-79-6	2,4,6-Tribromophenol	64		28-143
1718-51-0	Terphenyl-d14	73		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82124/2-A

Matrix: Solid | Lab File ID: ak024461.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	933		100	15
111-44-4	Bis(2-chloroethyl)ether	745		100	15
95-57-8	2-Chlorophenol	897		100	15
541-73-1	1,3-Dichlorobenzene	867		50	15
106-46-7	1,4-Dichlorobenzene	902		50	15
100-51-6	Benzyl alcohol	647		100	15
95-50-1	1,2-Dichlorobenzene	856		50	15
95-48-7	2-Methylphenol	893		100	15
15831-10-4	3 & 4 Methylphenol	1060		200	15
621-64-7	N-Nitrosodi-n-propylamine	919		100	15
67-72-1	Hexachloroethane	825		100	15
98-95-3	Nitrobenzene	1090		100	34
78-59-1	Isophorone	1140		100	5.0
88-75-5	2-Nitrophenol	837		100	15
105-67-9	2,4-Dimethylphenol	860		100	15
65-85-0	Benzoic acid	2660		2500	750
111-91-1	Bis(2-chloroethoxy)methane	844		100	5.0
120-83-2	2,4-Dichlorophenol	801		100	15
120-82-1	1,2,4-Trichlorobenzene	865		50	15
91-20-3	Naphthalene	881		20	5.0
106-47-8	4-Chloroaniline	553		100	15
87-68-3	Hexachlorobutadiene	860		50	15
59-50-7	4-Chloro-3-methylphenol	871		100	15
91-57-6	2-Methylnaphthalene	950		20	5.0
77-47-4	Hexachlorocyclopentadiene	759		100	5.0
88-06-2	2,4,6-Trichlorophenol	830		150	15
95-95-4	2,4,5-Trichlorophenol	971		100	15
91-58-7	2-Chloronaphthalene	895		20	5.0
88-74-4	2-Nitroaniline	863		100	15
131-11-3	Dimethyl phthalate	898		100	5.0
208-96-8	Acenaphthylene	940		20	5.0
606-20-2	2,6-Dinitrotoluene	1080		100	15
99-09-2	3-Nitroaniline	800		100	15
83-32-9	Acenaphthene	849		20	5.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82124/2-A

Matrix: Solid | Lab File ID: ak024461.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	3310		1000	200
100-02-7	4-Nitrophenol	4220		1000	250
132-64-9	Dibenzofuran	878		100	5.0
121-14-2	2,4-Dinitrotoluene	1110		100	15
84-66-2	Diethyl phthalate	887		100	15
7005-72-3	4-Chlorophenyl phenyl ether	864		100	15
86-73-7	Fluorene	876		20	5.0
100-01-6	4-Nitroaniline	963		100	15
534-52-1	4,6-Dinitro-2-methylphenol	3210		1000	100
86-30-6	N-Nitrosodiphenylamine	919		50	5.0
101-55-3	4-Bromophenyl phenyl ether	845		100	15
118-74-1	Hexachlorobenzene	816		50	5.0
87-86-5	Pentachlorophenol	785		200	15
85-01-8	Phenanthrene	840		20	5.0
120-12-7	Anthracene	893		20	5.0
84-74-2	Di-n-butyl phthalate	827		200	50
206-44-0	Fluoranthene	880		20	5.0
129-00-0	Pyrene	833		20	5.0
85-68-7	Butyl benzyl phthalate	854		100	50
91-94-1	3,3'-Dichlorobenzidine	1590		200	30
56-55-3	Benzo[a]anthracene	825		25	5.0
218-01-9	Chrysene	829		25	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	837	J	1500	50
117-84-0	Di-n-octyl phthalate	786		200	5.0
50-32-8	Benzo[a]pyrene	850		30	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	867		40	5.0
53-70-3	Dibenz(a,h)anthracene	901		40	5.0
191-24-2	Benzo[g,h,i]perylene	807		25	5.0
86-74-8	Carbazole	925		150	5.0
90-12-0	1-Methylnaphthalene	883		30	5.0
205-99-2	Benzo[b]fluoranthene	776		20	5.0
207-08-9	Benzo[k]fluoranthene	836		25	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	919		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82124/2-A

Matrix: Solid | Lab File ID: ak024461.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	85		36-145
4165-62-2	Phenol-d5	85		38-149
4165-60-0	Nitrobenzene-d5	86		38-141
321-60-8	2-Fluorobiphenyl	82		42-140
118-79-6	2,4,6-Tribromophenol	80		28-143
1718-51-0	Terphenyl-d14	68		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) MS | Lab Sample ID: 580-24912-15 MS

Matrix: Solid | Lab File ID: ak024464.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3215(g) | Date Analyzed: 03/13/2011 14:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1040		130	19
111-44-4	Bis(2-chloroethyl)ether	902		130	19
95-57-8	2-Chlorophenol	1030		130	19
541-73-1	1,3-Dichlorobenzene	984		63	19
106-46-7	1,4-Dichlorobenzene	1010		63	19
100-51-6	Benzyl alcohol	709		130	19
95-50-1	1,2-Dichlorobenzene	1000		63	19
95-48-7	2-Methylphenol	1060		130	19
15831-10-4	3 & 4 Methylphenol	1170		250	19
621-64-7	N-Nitrosodi-n-propylamine	1140		130	19
67-72-1	Hexachloroethane	918		130	19
98-95-3	Nitrobenzene	1310		130	43
78-59-1	Isophorone	1240		130	6.3
88-75-5	2-Nitrophenol	939		130	19
105-67-9	2,4-Dimethylphenol	896		130	19
65-85-0	Benzoic acid	ND		3100	940
111-91-1	Bis(2-chloroethoxy)methane	988		130	6.3
120-83-2	2,4-Dichlorophenol	885		130	19
120-82-1	1,2,4-Trichlorobenzene	908		63	19
91-20-3	Naphthalene	953		25	6.3
106-47-8	4-Chloroaniline	870		130	19
87-68-3	Hexachlorobutadiene	865		63	19
59-50-7	4-Chloro-3-methylphenol	988		130	19
91-57-6	2-Methylnaphthalene	940		25	6.3
77-47-4	Hexachlorocyclopentadiene	676		130	6.3
88-06-2	2,4,6-Trichlorophenol	995		190	19
95-95-4	2,4,5-Trichlorophenol	1120		130	19
91-58-7	2-Chloronaphthalene	919		25	6.3
88-74-4	2-Nitroaniline	998		130	19
131-11-3	Dimethyl phthalate	986		130	6.3
208-96-8	Acenaphthylene	952		25	6.3
606-20-2	2,6-Dinitrotoluene	1190		130	19
99-09-2	3-Nitroaniline	983		130	19
83-32-9	Acenaphthene	853		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) MS | Lab Sample ID: 580-24912-15 MS

Matrix: Solid | Lab File ID: ak024464.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3215(g) | Date Analyzed: 03/13/2011 14:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1140	J	1300	250
100-02-7	4-Nitrophenol	4800		1300	310
132-64-9	Dibenzofuran	892		130	6.3
121-14-2	2,4-Dinitrotoluene	1160		130	19
84-66-2	Diethyl phthalate	917		130	19
7005-72-3	4-Chlorophenyl phenyl ether	834		130	19
86-73-7	Fluorene	881		25	6.3
100-01-6	4-Nitroaniline	1170		130	19
534-52-1	4,6-Dinitro-2-methylphenol	2790		1300	130
86-30-6	N-Nitrosodiphenylamine	938		63	6.3
101-55-3	4-Bromophenyl phenyl ether	827		130	19
118-74-1	Hexachlorobenzene	766		63	6.3
87-86-5	Pentachlorophenol	832		250	19
85-01-8	Phenanthrene	845		25	6.3
120-12-7	Anthracene	886		25	6.3
84-74-2	Di-n-butyl phthalate	813		250	63
206-44-0	Fluoranthene	848		25	6.3
129-00-0	Pyrene	854		25	6.3
85-68-7	Butyl benzyl phthalate	830		130	63
91-94-1	3,3'-Dichlorobenzidine	1710		250	38
56-55-3	Benzo[a]anthracene	795		31	6.3
218-01-9	Chrysene	791		31	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	825	J	1900	63
117-84-0	Di-n-octyl phthalate	775		250	6.3
50-32-8	Benzo[a]pyrene	795		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	761		50	6.3
53-70-3	Dibenz(a,h)anthracene	808		50	6.3
191-24-2	Benzo[g,h,i]perylene	708		31	6.3
86-74-8	Carbazole	1050		190	6.3
90-12-0	1-Methylnaphthalene	912		38	6.3
205-99-2	Benzo[b]fluoranthene	769		25	6.3
207-08-9	Benzo[k]fluoranthene	779		31	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	1050		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) MS | Lab Sample ID: 580-24912-15 MS

Matrix: Solid | Lab File ID: ak024464.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.3215(g) | Date Analyzed: 03/13/2011 14:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	82		36-145
4165-62-2	Phenol-d5	84		38-149
4165-60-0	Nitrobenzene-d5	82		38-141
321-60-8	2-Fluorobiphenyl	64		42-140
118-79-6	2,4,6-Tribromophenol	78		28-143
1718-51-0	Terphenyl-d14	52		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) MSD | Lab Sample ID: 580-24912-15 MSD

Matrix: Solid | Lab File ID: ak024465.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2464(g) | Date Analyzed: 03/13/2011 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1180		130	19
111-44-4	Bis(2-chloroethyl)ether	972		130	19
95-57-8	2-Chlorophenol	1150		130	19
541-73-1	1,3-Dichlorobenzene	1040		63	19
106-46-7	1,4-Dichlorobenzene	1090		63	19
100-51-6	Benzyl alcohol	811		130	19
95-50-1	1,2-Dichlorobenzene	1060		63	19
95-48-7	2-Methylphenol	1170		130	19
15831-10-4	3 & 4 Methylphenol	1180		250	19
621-64-7	N-Nitrosodi-n-propylamine	1160		130	19
67-72-1	Hexachloroethane	967		130	19
98-95-3	Nitrobenzene	1360		130	43
78-59-1	Isophorone	1300		130	6.3
88-75-5	2-Nitrophenol	981		130	19
105-67-9	2,4-Dimethylphenol	899		130	19
65-85-0	Benzoic acid	ND		3200	950
111-91-1	Bis(2-chloroethoxy)methane	1030		130	6.3
120-83-2	2,4-Dichlorophenol	989		130	19
120-82-1	1,2,4-Trichlorobenzene	901		63	19
91-20-3	Naphthalene	946		25	6.3
106-47-8	4-Chloroaniline	871		130	19
87-68-3	Hexachlorobutadiene	850		63	19
59-50-7	4-Chloro-3-methylphenol	1020		130	19
91-57-6	2-Methylnaphthalene	961		25	6.3
77-47-4	Hexachlorocyclopentadiene	642		130	6.3
88-06-2	2,4,6-Trichlorophenol	1010		190	19
95-95-4	2,4,5-Trichlorophenol	1060		130	19
91-58-7	2-Chloronaphthalene	934		25	6.3
88-74-4	2-Nitroaniline	1130		130	19
131-11-3	Dimethyl phthalate	1020		130	6.3
208-96-8	Acenaphthylene	958		25	6.3
606-20-2	2,6-Dinitrotoluene	1230		130	19
99-09-2	3-Nitroaniline	1040		130	19
83-32-9	Acenaphthene	849		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) MSD | Lab Sample ID: 580-24912-15 MSD

Matrix: Solid | Lab File ID: ak024465.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2464(g) | Date Analyzed: 03/13/2011 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1110	J	1300	250
100-02-7	4-Nitrophenol	4880		1300	320
132-64-9	Dibenzofuran	883		130	6.3
121-14-2	2,4-Dinitrotoluene	1170		130	19
84-66-2	Diethyl phthalate	889		130	19
7005-72-3	4-Chlorophenyl phenyl ether	839		130	19
86-73-7	Fluorene	877		25	6.3
100-01-6	4-Nitroaniline	1240		130	19
534-52-1	4,6-Dinitro-2-methylphenol	2790		1300	130
86-30-6	N-Nitrosodiphenylamine	908		63	6.3
101-55-3	4-Bromophenyl phenyl ether	816		130	19
118-74-1	Hexachlorobenzene	730		63	6.3
87-86-5	Pentachlorophenol	834		250	19
85-01-8	Phenanthrene	810		25	6.3
120-12-7	Anthracene	859		25	6.3
84-74-2	Di-n-butyl phthalate	779		250	63
206-44-0	Fluoranthene	829		25	6.3
129-00-0	Pyrene	813		25	6.3
85-68-7	Butyl benzyl phthalate	821		130	63
91-94-1	3,3'-Dichlorobenzidine	1700		250	38
56-55-3	Benzo[a]anthracene	779		32	6.3
218-01-9	Chrysene	760		32	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	813	J	1900	63
117-84-0	Di-n-octyl phthalate	813		250	6.3
50-32-8	Benzo[a]pyrene	777		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	729		51	6.3
53-70-3	Dibenz(a,h)anthracene	769		51	6.3
191-24-2	Benzo[g,h,i]perylene	675		32	6.3
86-74-8	Carbazole	1030		190	6.3
90-12-0	1-Methylnaphthalene	915		38	6.3
205-99-2	Benzo[b]fluoranthene	746		25	6.3
207-08-9	Benzo[k]fluoranthene	759		32	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	1120		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) MSD | Lab Sample ID: 580-24912-15 MSD

Matrix: Solid | Lab File ID: ak024465.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:20

Extract. Method: 3550B | Date Extracted: 03/11/2011 12:29

Sample wt/vol: 10.2464(g) | Date Analyzed: 03/13/2011 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	93		36-145
4165-62-2	Phenol-d5	89		38-149
4165-60-0	Nitrobenzene-d5	88		38-141
321-60-8	2-Fluorobiphenyl	71		42-140
118-79-6	2,4,6-Tribromophenol	81		28-143
1718-51-0	Terphenyl-d14	53		42-151

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC040 Start Date: 03/09/2011 11:05

Analysis Batch Number: 81932 End Date: 03/09/2011 14:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-81932/1		03/09/2011 11:05	1	ak024422.D	ZB-5MS 0.25(mm)
IC 580-81932/3		03/09/2011 11:40	1	ak024424.D	ZB-5MS 0.25(mm)
IC 580-81932/4		03/09/2011 12:01	1	ak024425.D	ZB-5MS 0.25(mm)
IC 580-81932/5		03/09/2011 12:22	1	ak024426.D	ZB-5MS 0.25(mm)
IC 580-81932/6		03/09/2011 12:55	1	ak024427.D	ZB-5MS 0.25(mm)
IC 580-81932/7		03/09/2011 13:16	1	ak024428.D	ZB-5MS 0.25(mm)
ICIS 580-81932/8		03/09/2011 13:37	1	ak024429.D	ZB-5MS 0.25(mm)
IC 580-81932/9		03/09/2011 13:59	1	ak024430.D	ZB-5MS 0.25(mm)
IC 580-81932/10		03/09/2011 14:20	1	ak024431.D	ZB-5MS 0.25(mm)
ICV 580-81932/11		03/09/2011 14:41	1	ak024432.D	ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC040 Start Date: 03/13/2011 10:48

Analysis Batch Number: 82179 End Date: 03/13/2011 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-82179/1		03/13/2011 10:48	1	ak024454.D	ZB-5MS 0.25(mm)
CCVIS 580-82179/2		03/13/2011 11:02	1	ak024455.D	ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 11:47	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 12:08	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 12:29	1		ZB-5MS 0.25(mm)
580-24912-13	YK-SB09 (0-1)	03/13/2011 12:50	1	ak024459.D	ZB-5MS 0.25(mm)
MB 580-82124/1-A		03/13/2011 13:11	1	ak024460.D	ZB-5MS 0.25(mm)
LCS 580-82124/2-A		03/13/2011 13:38	1	ak024461.D	ZB-5MS 0.25(mm)
580-24912-14	YK-SB09 D(0-1)	03/13/2011 13:59	1	ak024462.D	ZB-5MS 0.25(mm)
580-24912-15	YK-SB09 (4-5)	03/13/2011 14:20	1	ak024463.D	ZB-5MS 0.25(mm)
580-24912-15 MS	YK-SB09 (4-5) MS	03/13/2011 14:41	1	ak024464.D	ZB-5MS 0.25(mm)
580-24912-15 MSD	YK-SB09 (4-5) MSD	03/13/2011 15:02	1	ak024465.D	ZB-5MS 0.25(mm)
580-24912-1	YK-MW-1 (0-1)	03/13/2011 15:23	1	ak024466.D	ZB-5MS 0.25(mm)
580-24912-2	YK-MW-1 (4-5)	03/13/2011 15:44	1	ak024467.D	ZB-5MS 0.25(mm)
580-24912-3	YK-MW-1 (4-5) Dup	03/13/2011 16:05	1	ak024468.D	ZB-5MS 0.25(mm)
580-24912-4	YK-MW-2 (0-1)	03/13/2011 16:27	1	ak024469.D	ZB-5MS 0.25(mm)
580-24912-5	YK-MW-2 (4-5)	03/13/2011 16:48	1	ak024470.D	ZB-5MS 0.25(mm)
580-24912-6	YK-MW-3 (0-1)	03/13/2011 17:09	1	ak024471.D	ZB-5MS 0.25(mm)
580-24912-7	YK-MW-31 (0-1)	03/13/2011 17:30	1	ak024472.D	ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC040 Start Date: 03/14/2011 07:27

Analysis Batch Number: 82189 End Date: 03/14/2011 16:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-82189/1		03/14/2011 07:27	1	ak024459.D	ZB-5MS 0.25(mm)
CCVIS 580-82189/2		03/14/2011 07:41	1	ak024460.D	ZB-5MS 0.25(mm)
580-24912-8	YK-MW-3 (4-5)	03/14/2011 08:24	1	ak024462.D	ZB-5MS 0.25(mm)
580-24912-9	YK-MW-4 (0-1)	03/14/2011 08:45	1	ak024463.D	ZB-5MS 0.25(mm)
580-24912-10	YK-MW-4 (4-5)	03/14/2011 09:06	1	ak024464.D	ZB-5MS 0.25(mm)
580-24912-11	YK-SB5 (0-1)	03/14/2011 09:28	1	ak024465.D	ZB-5MS 0.25(mm)
580-24912-12	YK-SB05 (5-6)	03/14/2011 09:49	1	ak024466.D	ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 10:10	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 10:31	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 10:52	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 11:13	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 11:34	1		ZB-5MS 0.25(mm)
		03/14/2011 11:55	1		ZB-5MS 0.25(mm)
		03/14/2011 12:16	1		ZB-5MS 0.25(mm)
		03/14/2011 12:59	1		ZB-5MS 0.25(mm)
		03/14/2011 13:20	1		ZB-5MS 0.25(mm)
		03/14/2011 13:41	1		ZB-5MS 0.25(mm)
		03/14/2011 14:02	1		ZB-5MS 0.25(mm)
		03/14/2011 14:23	1		ZB-5MS 0.25(mm)
		03/14/2011 14:44	1		ZB-5MS 0.25(mm)
		03/14/2011 15:05	1		ZB-5MS 0.25(mm)
		03/14/2011 15:27	1		ZB-5MS 0.25(mm)
		03/14/2011 15:48	1		ZB-5MS 0.25(mm)
		03/14/2011 16:30	1		ZB-5MS 0.25(mm)

Organic Prep Worksheet

Batch Number: 580-82124
Method: 3550B
Analyst: Wooten, Kara K

Date Open: Mar 11 2011 12:29PM
Batch End: Mar 11 2011 3:10PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	8270flspk_00084	8270Surr_00043
MB~580-82124/1		3550B, 8270C		10 g	10 mL		100 uL
LCS~580-82124/2		3550B, 8270C		10 g	10 mL	500 uL	100 uL
580-24912-A-1	YK-MW-1 (0-1)	3550B, 8270C	T	10.3786 g	10 mL		100 uL
580-24912-A-2	YK-MW-1 (4-5)	3550B, 8270C	T	10.6280 g	10 mL		100 uL
580-24912-A-3	YK-MW-1 (4-5) Dup	3550B, 8270C	T	10.2168 g	10 mL		100 uL
580-24912-A-4	YK-MW-2 (0-1)	3550B, 8270C	T	10.5756 g	10 mL		100 uL
580-24912-A-5	YK-MW-2 (4-5)	3550B, 8270C	T	10.0813 g	10 mL		100 uL
580-24912-A-6	YK-MW-3 (0-1)	3550B, 8270C	T	10.3863 g	10 mL		100 uL
580-24912-A-7	YK-MW-31 (0-1)	3550B, 8270C	T	10.1290 g	10 mL		100 uL
580-24912-A-8	YK-MW-3 (4-5)	3550B, 8270C	T	10.1973 g	10 mL		100 uL
580-24912-A-9	YK-MW-4 (0-1)	3550B, 8270C	T	10.2026 g	10 mL		100 uL
580-24912-A-10	YK-MW-4 (4-5)	3550B, 8270C	T	10.5566 g	10 mL		100 uL
580-24912-A-11	YK-SB5 (0-1)	3550B, 8270C	T	10.4807 g	10 mL		100 uL
580-24912-A-12	YK-SB05 (5-6)	3550B, 8270C	T	10.2524 g	10 mL		100 uL
580-24912-A-13	YK-SB09 (0-1)	3550B, 8270C	T	10.4920 g	10 mL		100 uL
580-24912-A-14	YK-SB09 D(0-1)	3550B, 8270C	T	10.1260 g	10 mL		100 uL
580-24912-A-15	YK-SB09 (4-5)	3550B, 8270C	T	10.5338 g	10 mL		100 uL
580-24912-A-15~MS	YK-SB09 (4-5)	3550B, 8270C	T	10.3215 g	10 mL	500 uL	100 uL
580-24912-A-15~MSD	YK-SB09 (4-5)	3550B, 8270C	T	10.2464 g	10 mL	500 uL	100 uL

Prep Solvent Volume Used:	10 (verified volumetrically) mL	TBA Lot #:	N/A
Vendor of Reagent used:	JTB	Filter Paper Lot Number:	N/A
Person's name who did the concentration:	Wooten, Kara	Copper Lot #:	N/A
Person's name who witnessed reagent drop:	None	Sulfuric Acid Lot Number:	N/A
Na2SO4 Lot Number:	670822	Water Bath ID:	WB1
Silica Gel Lot Number:	N/A	ID number of the thermometer:	101696187
Concentration Start Time:	N/A	Uncorrected Temperature:	~30.0 - 54.4 Celsius
Concentration End Time:	N/A	Water Bath Temperature:	~30.1 - 54.5 Celsius
Balance ID:	SEA216	Uncorrected N-evap Temperature:	N/A Celsius
Prep Solvent Name:	DCM	N-evap temperature:	N/A Celsius
Prep Solvent Lot #:	670768	Clean Blank Lot #:	N/A
Exchange Solvent Name:	N/A	Clean LCS Lot #:	N/A
Exchange Solvent Lot #:	N/A		
Blank Soil Lot Number:	652162		
Florisil Lot #:	N/A		

Organic Prep Worksheet

Batch Number: 580-82124
Method: 3550B
Analyst: Wooten, Kara K

Date Open: Mar 11 2011 12:29PM
Batch End: Mar 11 2011 3:10PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~580-82124/1		3550B, 8270C		
LCS~580-82124/2		3550B, 8270C		
580-24912-A-1	YK-MW-1 (0-1)	3550B, 8270C	T	
580-24912-A-2	YK-MW-1 (4-5)	3550B, 8270C	T	
580-24912-A-3	YK-MW-1 (4-5) Dup	3550B, 8270C	T	
580-24912-A-4	YK-MW-2 (0-1)	3550B, 8270C	T	
580-24912-A-5	YK-MW-2 (4-5)	3550B, 8270C	T	
580-24912-A-6	YK-MW-3 (0-1)	3550B, 8270C	T	
580-24912-A-7	YK-MW-31 (0-1)	3550B, 8270C	T	
580-24912-A-8	YK-MW-3 (4-5)	3550B, 8270C	T	
580-24912-A-9	YK-MW-4 (0-1)	3550B, 8270C	T	
580-24912-A-10	YK-MW-4 (4-5)	3550B, 8270C	T	
580-24912-A-11	YK-SB5 (0-1)	3550B, 8270C	T	
580-24912-A-12	YK-SB05 (5-6)	3550B, 8270C	T	
580-24912-A-13	YK-SB09 (0-1)	3550B, 8270C	T	
580-24912-A-14	YK-SB09 D(0-1)	3550B, 8270C	T	
580-24912-A-15	YK-SB09 (4-5)	3550B, 8270C	T	
580-24912-A-15~MS	YK-SB09 (4-5)	3550B, 8270C	T	
580-24912-A-15~MSD	YK-SB09 (4-5)	3550B, 8270C	T	

Batch Comment: Method 3550B, 8270C

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-MR-2 ID: 0.25 (mm) GC Column (2): ZB-MR-1 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
YK-MW-1 (0-1) RE	580-24912-1 RE	86	87	83	72
YK-MW-1 (4-5) RE	580-24912-2 RE	98	102	104	92
YK-MW-1 (4-5) Dup RE	580-24912-3 RE	84	86	79	69
YK-MW-2 (0-1) RE	580-24912-4 RE	59	62	64	56 X
YK-MW-2 (4-5) RE	580-24912-5 RE	85	87	87	74
YK-MW-3 (0-1) RE	580-24912-6 RE	63	65	51 X	45 X
YK-MW-31 (0-1) RE	580-24912-7 RE	81	83	80	68
YK-MW-3 (4-5) RE	580-24912-8 RE	85	86	86	74
YK-MW-4 (0-1) RE	580-24912-9 RE	63	68	66	57 X
YK-MW-4 (4-5) RE	580-24912-10 RE	88	91	86	74
YK-SB5 (0-1) RE	580-24912-11 RE	65	69	62	57 X
YK-SB05 (5-6) RE	580-24912-12 RE	78	81	70	63
YK-SB09 (0-1) RE	580-24912-13 RE	61	63	65	58 X
YK-SB09 D(0-1) RE	580-24912-14 RE	71	72	75	65
YK-SB09 (4-5) RE	580-24912-15 RE	74	77	80	70
	MB 580-82185/16-A	96	100	99	86
	LCS 580-82185/17-A	95	92	98	85
YK-MW-2 (0-1) MS RE	580-24912-4 MS RE	79	84	82	71
YK-MW-2 (0-1) MSD RE	580-24912-4 MSD RE	83	87	84	73

	QC LIMITS
TCX = Tetrachloro-m-xylene	45-155
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155331.D

Lab ID: LCS 580-82185/17-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.100	0.0868	87	40-140	
PCB-1260	0.100	0.0884	88	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155336.D

Lab ID: 580-24912-4 MS RE Client ID: YK-MW-2 (0-1) MS RE

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	0.136	ND	0.103	76	40-140	
PCB-1260	0.136	ND	0.104	77	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155337.D

Lab ID: 580-24912-4 MSD RE Client ID: YK-MW-2 (0-1) MSD RE

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	0.136	0.105	77	2	20	40-140	
PCB-1260	0.136	0.109	80	4	20	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: MB 580-82185/16-A

Matrix: Solid Date Extracted: 03/13/2011 12:30

Lab File ID:(1) CC155330.D Lab File ID:(2) CC155330.D

Date Analyzed:(1) 03/14/2011 03:38 Date Analyzed:(2) 03/14/2011 03:38

Instrument ID:(1) TAC042 Instrument ID:(2) TAC042

GC Column:(1) ZB-MR-2 ID: 0.25(mm) GC Column:(2) ZB-MR-1 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 580-82185/17-A	03/14/2011 03:52	03/14/2011 03:52
YK-MW-1 (0-1) RE	580-24912-1 RE	03/14/2011 04:06	03/14/2011 04:06
YK-MW-1 (4-5) RE	580-24912-2 RE	03/14/2011 04:20	03/14/2011 04:20
YK-MW-1 (4-5) Dup RE	580-24912-3 RE	03/14/2011 04:34	03/14/2011 04:34
YK-MW-2 (0-1) RE	580-24912-4 RE	03/14/2011 04:48	03/14/2011 04:48
YK-MW-2 (0-1) MS RE	580-24912-4 MS RE	03/14/2011 05:02	03/14/2011 05:02
YK-MW-2 (0-1) MSD RE	580-24912-4 MSD RE	03/14/2011 05:16	03/14/2011 05:16
YK-MW-2 (4-5) RE	580-24912-5 RE	03/14/2011 05:31	03/14/2011 05:31
YK-MW-3 (0-1) RE	580-24912-6 RE	03/14/2011 05:45	03/14/2011 05:45
YK-MW-31 (0-1) RE	580-24912-7 RE	03/14/2011 06:27	03/14/2011 06:27
YK-MW-3 (4-5) RE	580-24912-8 RE	03/14/2011 06:41	03/14/2011 06:41
YK-MW-4 (0-1) RE	580-24912-9 RE	03/14/2011 06:55	03/14/2011 06:55
YK-MW-4 (4-5) RE	580-24912-10 RE	03/14/2011 07:10	03/14/2011 07:10
YK-SB5 (0-1) RE	580-24912-11 RE	03/14/2011 07:24	03/14/2011 07:24
YK-SB05 (5-6) RE	580-24912-12 RE	03/14/2011 07:38	03/14/2011 07:38
YK-SB09 (0-1) RE	580-24912-13 RE	03/14/2011 07:52	03/14/2011 07:52
YK-SB09 D(0-1) RE	580-24912-14 RE	03/14/2011 08:06	03/14/2011 08:06
YK-SB09 (4-5) RE	580-24912-15 RE	03/14/2011 08:20	03/14/2011 08:20

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: CCVRT 580-82183/2 Date Analyzed: 03/13/2011 12:08

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155266.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.16	7.86	
UPPER LIMIT				3.19	7.89	
LOWER LIMIT				3.13	7.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82183/2		03/13/2011 12:08	CC155266.D	3.16	7.86	
CCV 580-82183/65		03/14/2011 03:23	CC155329.D	3.16	7.86	
MB 580-82185/16-A		03/14/2011 03:38	CC155330.D	3.16	7.86	
LCS 580-82185/17-A		03/14/2011 03:52	CC155331.D	3.16	7.86	
580-24912-1 RE	YK-MW-1 (0-1) RE	03/14/2011 04:06	CC155332.D	3.16	7.86	
580-24912-2 RE	YK-MW-1 (4-5) RE	03/14/2011 04:20	CC155333.D	3.16	7.86	
580-24912-3 RE	YK-MW-1 (4-5) Dup RE	03/14/2011 04:34	CC155334.D	3.16	7.86	
580-24912-4 RE	YK-MW-2 (0-1) RE	03/14/2011 04:48	CC155335.D	3.16	7.86	
580-24912-4 MS RE	YK-MW-2 (0-1) MS RE	03/14/2011 05:02	CC155336.D	3.16	7.86	
580-24912-4 MSD RE	YK-MW-2 (0-1) MSD RE	03/14/2011 05:16	CC155337.D	3.16	7.86	
580-24912-5 RE	YK-MW-2 (4-5) RE	03/14/2011 05:31	CC155338.D	3.16	7.86	
580-24912-6 RE	YK-MW-3 (0-1) RE	03/14/2011 05:45	CC155339.D	3.16	7.86	
CCV 580-82183/76		03/14/2011 05:59	CC155340.D	3.16	7.86	
580-24912-7 RE	YK-MW-31 (0-1) RE	03/14/2011 06:27	CC155342.D	3.16	7.86	
580-24912-8 RE	YK-MW-3 (4-5) RE	03/14/2011 06:41	CC155343.D	3.16	7.86	
580-24912-9 RE	YK-MW-4 (0-1) RE	03/14/2011 06:55	CC155344.D	3.16	7.86	
580-24912-10 RE	YK-MW-4 (4-5) RE	03/14/2011 07:10	CC155345.D	3.16	7.86	
580-24912-11 RE	YK-SB5 (0-1) RE	03/14/2011 07:24	CC155346.D	3.16	7.86	
580-24912-12 RE	YK-SB05 (5-6) RE	03/14/2011 07:38	CC155347.D	3.16	7.86	
580-24912-13 RE	YK-SB09 (0-1) RE	03/14/2011 07:52	CC155348.D	3.16	7.86	
580-24912-14 RE	YK-SB09 D(0-1) RE	03/14/2011 08:06	CC155349.D	3.16	7.86	
580-24912-15 RE	YK-SB09 (4-5) RE	03/14/2011 08:20	CC155350.D	3.16	7.86	
CCV 580-82183/87		03/14/2011 08:35	CC155351.D	3.16	7.86	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Sample No.: CCVRT 580-82183/2 Date Analyzed: 03/13/2011 12:08

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm)

Lab File ID (Standard): CC155266.D Heated Purge: (Y/N) N

Calibration ID: 7348

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.21	7.90	
UPPER LIMIT				3.24	7.93	
LOWER LIMIT				3.18	7.87	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82183/2		03/13/2011 12:08	CC155266.D	3.21	7.90	
CCV 580-82183/65		03/14/2011 03:23	CC155329.D	3.21	7.90	
CCV 580-82183/76		03/14/2011 05:59	CC155340.D	3.21	7.90	
CCV 580-82183/87		03/14/2011 08:35	CC155351.D	3.21	7.90	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) MS RE Lab Sample ID: 580-24912-4 MS RE

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/14/2011 05:02 Date Analyzed (2): 03/14/2011 05:02

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.89	3.85	3.91	0.0990	0.103	10.7
		2	4.09	4.06	4.12	0.106		
		3	4.36	4.33	4.39	0.108		
		4	4.60	4.57	4.63	0.105		
		5	4.82	4.79	4.85	0.0990		
	2	1	3.91	3.87	3.93	0.108	0.115	
		2	4.10	4.07	4.13	0.121		
		3	4.40	4.37	4.43	0.124		
		4	4.67	4.63	4.69	0.111		
		5	4.85	4.82	4.88	0.112		
PCB-1260	1	1	5.83	5.81	5.87	0.104	0.104	9.1
		2	6.01	5.99	6.05	0.106		
		3	6.30	6.27	6.33	0.0965		
		4	6.78	6.75	6.81	0.109		
		5	7.07	7.04	7.10	0.107		
	2	1	5.89	5.86	5.92	0.112	0.114	
		2	6.13	6.10	6.16	0.113		
		3	6.36	6.32	6.38	0.119		
		4	6.88	6.84	6.90	0.116		
		5	7.09	7.06	7.12	0.110		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) MSD RE Lab Sample ID: 580-24912-4 MSD RE

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/14/2011 05:16 Date Analyzed (2): 03/14/2011 05:16

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.88	3.85	3.91	0.0948	0.105	2.5
		2	4.09	4.06	4.12	0.109		
		3	4.36	4.33	4.39	0.112		
		4	4.60	4.57	4.63	0.109		
		5	4.82	4.79	4.85	0.102		
	2	1	3.91	3.87	3.93	0.105	0.108	
		2	4.10	4.07	4.13	0.112		
		3	4.40	4.37	4.43	0.117		
		4	4.67	4.63	4.69	0.101		
		5	4.85	4.82	4.88	0.104		
PCB-1260	1	1	5.83	5.81	5.87	0.108	0.109	4.6
		2	6.01	5.99	6.05	0.109		
		3	6.30	6.27	6.33	0.103		
		4	6.78	6.75	6.81	0.115		
		5	7.07	7.04	7.10	0.111		
	2	1	5.89	5.86	5.92	0.112	0.114	
		2	6.13	6.10	6.16	0.120		
		3	6.36	6.32	6.38	0.103		
		4	6.87	6.84	6.90	0.120		
		5	7.09	7.06	7.12	0.115		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82185/17-A

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/14/2011 03:52 Date Analyzed (2): 03/14/2011 03:52

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.89	3.85	3.91	0.0801	0.0868	2.2
		2	4.09	4.06	4.12	0.0962		
		3	4.36	4.33	4.39	0.0907		
		4	4.60	4.57	4.63	0.0871		
		5	4.82	4.79	4.85	0.0798		
	2	1	3.90	3.87	3.93	0.0829	0.0849	
		2	4.10	4.07	4.13	0.0876		
		3	4.40	4.37	4.43	0.0902		
		4	4.67	4.63	4.69	0.0794		
		5	4.85	4.82	4.88	0.0846		
PCB-1260	1	1	5.83	5.81	5.87	0.0863	0.0884	5.5
		2	6.01	5.99	6.05	0.0900		
		3	6.30	6.27	6.33	0.0796		
		4	6.78	6.75	6.81	0.0952		
		5	7.07	7.04	7.10	0.0910		
	2	1	5.89	5.86	5.92	0.0894	0.0934	
		2	6.13	6.10	6.16	0.0874		
		3	6.36	6.32	6.38	0.0909		
		4	6.87	6.84	6.90	0.103		
		5	7.09	7.06	7.12	0.0964		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (0-1) RE Lab Sample ID: 580-24912-1 RE

Matrix: Solid Lab File ID: CC155332.D

Analysis Method: 8082 Date Collected: 03/10/2011 11:00

Extraction Method: 3550B Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10.3276(g) Date Analyzed: 03/14/2011 04:06

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 21.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0040
11104-28-2	PCB-1221	ND		0.012	0.0099
11141-16-5	PCB-1232	ND		0.012	0.0087
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		45-155
2051-24-3	DCB Decachlorobiphenyl	83		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) RE | Lab Sample ID: 580-24912-2 RE

Matrix: Solid | Lab File ID: CC155333.D

Analysis Method: 8082 | Date Collected: 03/10/2011 11:05

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10.1486(g) | Date Analyzed: 03/14/2011 04:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 28.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.014	0.0044
11104-28-2	PCB-1221	ND		0.014	0.011
11141-16-5	PCB-1232	ND		0.014	0.0096
53469-21-9	PCB-1242	ND		0.014	0.0029
12672-29-6	PCB-1248	ND		0.014	0.0041
11097-69-1	PCB-1254	ND		0.014	0.0029
11096-82-5	PCB-1260	ND		0.014	0.0041

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		45-155
2051-24-3	DCB Decachlorobiphenyl	104		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-1 (4-5) Dup RE | Lab Sample ID: 580-24912-3 RE

Matrix: Solid | Lab File ID: CC155334.D

Analysis Method: 8082 | Date Collected: 03/10/2011 11:05

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.9590(g) | Date Analyzed: 03/14/2011 04:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 28.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.014	0.0045
11104-28-2	PCB-1221	ND		0.014	0.011
11141-16-5	PCB-1232	ND		0.014	0.0098
53469-21-9	PCB-1242	ND		0.014	0.0029
12672-29-6	PCB-1248	ND		0.014	0.0042
11097-69-1	PCB-1254	ND		0.014	0.0029
11096-82-5	PCB-1260	ND		0.014	0.0042

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		45-155
2051-24-3	DCB Decachlorobiphenyl	79		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) RE | Lab Sample ID: 580-24912-4 RE

Matrix: Solid | Lab File ID: CC155335.D

Analysis Method: 8082 | Date Collected: 03/10/2011 12:15

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.9592(g) | Date Analyzed: 03/14/2011 04:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0042
11104-28-2	PCB-1221	ND		0.013	0.011
11141-16-5	PCB-1232	ND		0.013	0.0093
53469-21-9	PCB-1242	ND		0.013	0.0028
12672-29-6	PCB-1248	ND		0.013	0.0040
11097-69-1	PCB-1254	ND		0.013	0.0028
11096-82-5	PCB-1260	ND		0.013	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	59		45-155
2051-24-3	DCB Decachlorobiphenyl	64		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (4-5) RE | Lab Sample ID: 580-24912-5 RE

Matrix: Solid | Lab File ID: CC155338.D

Analysis Method: 8082 | Date Collected: 03/10/2011 12:25

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10.1011(g) | Date Analyzed: 03/14/2011 05:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 30.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.014	0.0046
11104-28-2	PCB-1221	ND		0.014	0.011
11141-16-5	PCB-1232	ND		0.014	0.010
53469-21-9	PCB-1242	ND		0.014	0.0030
12672-29-6	PCB-1248	ND		0.014	0.0043
11097-69-1	PCB-1254	ND		0.014	0.0030
11096-82-5	PCB-1260	ND		0.014	0.0043

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		45-155
2051-24-3	DCB Decachlorobiphenyl	87		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (0-1) RE | Lab Sample ID: 580-24912-6 RE

Matrix: Solid | Lab File ID: CC155339.D

Analysis Method: 8082 | Date Collected: 03/10/2011 12:50

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.7872(g) | Date Analyzed: 03/14/2011 05:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 25.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.014	0.0044
11104-28-2	PCB-1221	ND		0.014	0.011
11141-16-5	PCB-1232	ND		0.014	0.0096
53469-21-9	PCB-1242	ND		0.014	0.0029
12672-29-6	PCB-1248	ND		0.014	0.0041
11097-69-1	PCB-1254	ND		0.014	0.0029
11096-82-5	PCB-1260	ND		0.014	0.0041

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	63		45-155
2051-24-3	DCB Decachlorobiphenyl	51	X	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-31 (0-1) RE | Lab Sample ID: 580-24912-7 RE

Matrix: Solid | Lab File ID: CC155342.D

Analysis Method: 8082 | Date Collected: 03/10/2011 12:50

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10.5486(g) | Date Analyzed: 03/14/2011 06:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 22.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0098
11141-16-5	PCB-1232	ND		0.012	0.0086
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		45-155
2051-24-3	DCB Decachlorobiphenyl	80		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-3 (4-5) RE | Lab Sample ID: 580-24912-8 RE

Matrix: Solid | Lab File ID: CC155343.D

Analysis Method: 8082 | Date Collected: 03/10/2011 13:10

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.9019(g) | Date Analyzed: 03/14/2011 06:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 32.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.015	0.0048
11104-28-2	PCB-1221	ND		0.015	0.012
11141-16-5	PCB-1232	ND		0.015	0.010
53469-21-9	PCB-1242	ND		0.015	0.0031
12672-29-6	PCB-1248	ND		0.015	0.0045
11097-69-1	PCB-1254	ND		0.015	0.0031
11096-82-5	PCB-1260	ND		0.015	0.0045

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		45-155
2051-24-3	DCB Decachlorobiphenyl	86		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (0-1) RE Lab Sample ID: 580-24912-9 RE

Matrix: Solid Lab File ID: CC155344.D

Analysis Method: 8082 Date Collected: 03/10/2011 14:15

Extraction Method: 3550B Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10.3184(g) Date Analyzed: 03/14/2011 06:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 19.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0097
11141-16-5	PCB-1232	ND		0.012	0.0085
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	63		45-155
2051-24-3	DCB Decachlorobiphenyl	66		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-4 (4-5) RE | Lab Sample ID: 580-24912-10 RE

Matrix: Solid | Lab File ID: CC155345.D

Analysis Method: 8082 | Date Collected: 03/10/2011 14:30

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.7900(g) | Date Analyzed: 03/14/2011 07:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 29.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.014	0.0046
11104-28-2	PCB-1221	ND		0.014	0.012
11141-16-5	PCB-1232	ND		0.014	0.010
53469-21-9	PCB-1242	ND		0.014	0.0030
12672-29-6	PCB-1248	ND		0.014	0.0043
11097-69-1	PCB-1254	ND		0.014	0.0030
11096-82-5	PCB-1260	ND		0.014	0.0043

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		45-155
2051-24-3	DCB Decachlorobiphenyl	86		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB5 (0-1) RE | Lab Sample ID: 580-24912-11 RE

Matrix: Solid | Lab File ID: CC155346.D

Analysis Method: 8082 | Date Collected: 03/10/2011 13:40

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10.1456(g) | Date Analyzed: 03/14/2011 07:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 22.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0040
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0089
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	65		45-155
2051-24-3	DCB Decachlorobiphenyl	62		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB05 (5-6) RE | Lab Sample ID: 580-24912-12 RE

Matrix: Solid | Lab File ID: CC155347.D

Analysis Method: 8082 | Date Collected: 03/10/2011 13:50

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.6547(g) | Date Analyzed: 03/14/2011 07:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 27.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.014	0.0045
11104-28-2	PCB-1221	ND		0.014	0.011
11141-16-5	PCB-1232	ND		0.014	0.0099
53469-21-9	PCB-1242	ND		0.014	0.0030
12672-29-6	PCB-1248	ND		0.014	0.0043
11097-69-1	PCB-1254	ND		0.014	0.0030
11096-82-5	PCB-1260	ND		0.014	0.0043

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		45-155
2051-24-3	DCB Decachlorobiphenyl	70		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (0-1) RE | Lab Sample ID: 580-24912-13 RE

Matrix: Solid | Lab File ID: CC155348.D

Analysis Method: 8082 | Date Collected: 03/10/2011 15:10

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.5434(g) | Date Analyzed: 03/14/2011 07:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0042
11104-28-2	PCB-1221	ND		0.013	0.011
11141-16-5	PCB-1232	ND		0.013	0.0092
53469-21-9	PCB-1242	ND		0.013	0.0028
12672-29-6	PCB-1248	ND		0.013	0.0039
11097-69-1	PCB-1254	ND		0.013	0.0028
11096-82-5	PCB-1260	ND		0.013	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	61		45-155
2051-24-3	DCB Decachlorobiphenyl	65		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 D(0-1) RE Lab Sample ID: 580-24912-14 RE

Matrix: Solid Lab File ID: CC155349.D

Analysis Method: 8082 Date Collected: 03/10/2011 15:10

Extraction Method: 3550B Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10.1144(g) Date Analyzed: 03/14/2011 08:06

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 19.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0099
11141-16-5	PCB-1232	ND		0.012	0.0086
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		45-155
2051-24-3	DCB Decachlorobiphenyl	75		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-SB09 (4-5) RE | Lab Sample ID: 580-24912-15 RE

Matrix: Solid | Lab File ID: CC155350.D

Analysis Method: 8082 | Date Collected: 03/10/2011 15:20

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10.4874(g) | Date Analyzed: 03/14/2011 08:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 22.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0040
11104-28-2	PCB-1221	ND		0.012	0.0099
11141-16-5	PCB-1232	ND		0.012	0.0086
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		45-155
2051-24-3	DCB Decachlorobiphenyl	80		60-125

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	3.888	3.888	3.888	3.889	3.889	3.889					3.859 - 3.919	3.889
PCB-1016 Peak 2	4.095	4.094	4.095	4.095	4.095	4.095					4.065 - 4.125	4.095
PCB-1016 Peak 3	4.361	4.362	4.362	4.362	4.362	4.362					4.332 - 4.392	4.362
PCB-1016 Peak 4	4.607	4.607	4.608	4.607	4.608	4.607					4.577 - 4.637	4.607
PCB-1016 Peak 5	4.820	4.820	4.820	4.821	4.820	4.820					4.791 - 4.851	4.820
PCB-1260 Peak 1	5.839	5.838	5.839	5.839	5.839	5.838					5.809 - 5.869	5.839
PCB-1260 Peak 2	6.020	6.020	6.019	6.020	6.020	6.019					5.990 - 6.050	6.020
PCB-1260 Peak 3	6.309	6.307	6.308	6.307	6.308	6.307					6.277 - 6.337	6.308
PCB-1260 Peak 4	6.788	6.787	6.788	6.787	6.788	6.787					6.757 - 6.817	6.788
PCB-1260 Peak 5	7.073	7.073	7.073	7.073	7.072	7.072					7.043 - 7.103	7.073
Tetrachloro-m-xylene	3.164	3.164	3.165	3.164	3.165	3.165					3.134 - 3.194	3.165
DCB Decachlorobiphenyl	7.865	7.864	7.864	7.863	7.863	7.863					7.833 - 7.893	7.864

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	27875 23662	29249 22349	27926	25407	Ave		26077.9825				10.0		20.0			
PCB-1016 Peak 2	25470 23835	28208 23859	28476	26083	Ave		25988.5232				7.8		20.0			
PCB-1016 Peak 3	44139 45800	48776 48544	48176	45709	Ave		46857.3058				4.1		20.0			
PCB-1016 Peak 4	30188 20371	28616 19962	25331	22636	Lin1	146717.885	20042.4427							0.9990		0.9900
PCB-1016 Peak 5	28230 24461	28864 24812	28107	26022	Ave		26749.3283				7.1		20.0			
PCB-1260 Peak 1	54758 47041	56238 49045	54450	49613	Ave		51857.3725				7.2		20.0			
PCB-1260 Peak 2	63841 53744	67286 57540	63951	58499	Lin1	148493.329	56281.1935							0.9980		0.9900
PCB-1260 Peak 3	95588 69471	84876 68523	80617	74463	Lin1	336012.896	68674.7075							1.0000		0.9900
PCB-1260 Peak 4	85240 86394	96282 94447	95439	89482	Ave		91214.1143				5.3		20.0			
PCB-1260 Peak 5	73846 64476	77147 69507	73132	68068	Ave		71029.2453				6.4		20.0			
Tetrachloro-m-xylene	974326 1038918	1044749 1082110	1045053	1002126	Ave		1031213.94				3.7		20.0			
DCB Decachlorobiphenyl	1093816 690856	897216 711357	806485	750891	Lin1	409136.133	700316.918							1.0000		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	278750 22349291	584984	1396287	2540653	11831067	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 2	Ave	254704 23858617	564163	1423803	2608289	11917511	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 3	Ave	441393 48543663	975524	2408778	4570926	22899926	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 4	Lin1	301883 19961739	572319	1266546	2263609	10185515	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 5	Ave	282303 24811804	577282	1405358	2602199	12230308	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 1	Ave	547582 49044991	1124750	2722489	4961312	23520322	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 2	Lin1	638411 57539516	1345720	3197554	5849927	26872237	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 3	Lin1	955877 68523469	1697528	4030842	7446307	34735563	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 4	Ave	852404 94446622	1925631	4771966	8948240	43197197	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 5	Ave	738457 69507418	1542931	3656596	6806752	32238182	10.0 1000	20.0	50.0	100	500
Tetrachloro-m-xylene	Ave	974414 108220747	2089686	5225737	10022166	51950600	1.00 100	2.00	5.00	10.0	50.0
DCB Decachlorobiphenyl	Lin1	1093816 71135663	1794432	4032424	7508909	34542815	1.00 100	2.00	5.00	10.0	50.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	3.902	3.903	3.905	3.905	3.905	3.905					3.875 - 3.935	3.904
PCB-1016 Peak 2	4.097	4.097	4.099	4.099	4.099	4.099					4.069 - 4.129	4.098
PCB-1016 Peak 3	4.400	4.400	4.401	4.401	4.401	4.401					4.371 - 4.431	4.401
PCB-1016 Peak 4	4.663	4.663	4.664	4.665	4.665	4.665					4.635 - 4.695	4.664
PCB-1016 Peak 5	4.847	4.848	4.849	4.850	4.850	4.850					4.820 - 4.880	4.849
PCB-1260 Peak 1	5.887	5.888	5.889	5.889	5.889	5.889					5.859 - 5.919	5.889
PCB-1260 Peak 2	6.124	6.125	6.126	6.127	6.126	6.126					6.097 - 6.157	6.126
PCB-1260 Peak 3	6.354	6.354	6.355	6.355	6.355	6.355					6.325 - 6.385	6.355
PCB-1260 Peak 4	6.871	6.872	6.873	6.873	6.873	6.873					6.843 - 6.903	6.873
PCB-1260 Peak 5	7.091	7.091	7.092	7.092	7.092	7.092					7.062 - 7.122	7.092
Tetrachloro-m-xylene	3.208	3.209	3.210	3.210	3.210	3.211					3.180 - 3.240	3.210
DCB Decachlorobiphenyl	7.897	7.897	7.898	7.898	7.898	7.897					7.868 - 7.928	7.898

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	68184 55971	72257 56169	68813	63083	Ave		64079.5843				11.0		20.0			
PCB-1016 Peak 2	78693 56667	76902 57396	69462	64227	Lin1	331269.410	57120.7337							0.9990		0.9900
PCB-1016 Peak 3	120813 117495	132595 126187	132571	125070	Ave		125788.470				4.9		20.0			
PCB-1016 Peak 4	49239 39753	52165 41816	51427	47205	Ave		46933.9233				11.0		20.0			
PCB-1016 Peak 5	58853 52215	63745 53709	62424	57903	Ave		58141.4443				7.9		20.0			
PCB-1260 Peak 1	115669 106137	124339 109877	121637	111227	Ave		114814.417				6.2		20.0			
PCB-1260 Peak 2	208804 164302	197362 172083	189327	171112	Lin1	486089.150	169005.760							0.9990		0.9900
PCB-1260 Peak 3	168957 156422	172897 169161	169668	158041	Ave		165857.466				4.1		20.0			
PCB-1260 Peak 4	208942 205123	228235 220384	220246	206922	Ave		214975.289				4.3		20.0			
PCB-1260 Peak 5	129331 124710	133564 133885	129245	127580	Ave		129718.922				2.7		20.0			
Tetrachloro-m-xylene	2375876 2629839	2614394 2618427	2776373	2650867	Ave		2610962.69				5.0		20.0			
DCB Decachlorobiphenyl	2004490 1885635	2258964 1931649	2137202	1996011	Ave		2035658.48				6.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	681840 56169294	1445136	3440630	6308349	27985661	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 2	Lin1	786925 57396100	1538031	3473104	6422737	28333552	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 3	Ave	1208126 126186742	2651906	6628559	12506998	58747508	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 4	Ave	492387 41816076	1043290	2571349	4720477	19876257	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 5	Ave	588526 53708784	1274903	3121175	5790315	26107741	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 1	Ave	1156691 109876814	2486786	6081863	11122748	53068274	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 2	Lin1	2088038 172082538	3947232	9466360	17111206	82150837	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 3	Ave	1689570 169160554	3457944	8483382	15804057	78210917	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 4	Ave	2089416 220384236	4564699	11012298	20692183	102561579	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 5	Ave	1293313 133884644	2671277	6462225	12757956	62354839	10.0 1000	20.0	50.0	100	500
Tetrachloro-m-xylene	Ave	2376090 261866287	5229259	13883113	26511051	131503798	1.00 100	2.00	5.00	10.0	50.0
DCB Decachlorobiphenyl	Ave	2004490 193164860	4517927	10686012	19960109	94281773	1.00 100	2.00	5.00	10.0	50.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	3.399	3.398	3.398	3.399	3.398	3.398					3.369 - 3.429	3.398
PCB-1221 Peak 2	3.483	3.483	3.483	3.484	3.483	3.483					3.454 - 3.514	3.483
PCB-1221 Peak 3	3.558	3.558	3.559	3.559	3.557	3.558					3.529 - 3.589	3.558
PCB-1254 Peak 1	5.179	5.179	5.179	5.179	5.180	5.179					5.149 - 5.209	5.179
PCB-1254 Peak 2	5.334	5.333	5.334	5.334	5.333	5.333					5.304 - 5.364	5.334
PCB-1254 Peak 3	5.710	5.711	5.711	5.710	5.711	5.710					5.680 - 5.740	5.711
PCB-1254 Peak 4	5.928	5.928	5.928	5.928	5.927	5.927					5.898 - 5.958	5.928
PCB-1254 Peak 5	6.308	6.307	6.308	6.307	6.307	6.307					6.277 - 6.337	6.307

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	11359 11686	11997 10588	12120	11120	Ave		11478.2905				5.0		20.0			
PCB-1221 Peak 2	8905.3 7459.7	7199.2 6747.6	7560.2	7130.4	Lin1	17665.0698	6961.61820							0.9980		0.9900
PCB-1221 Peak 3	29893 26092	28310 24933	28346	27909	Ave		27580.5948				6.4		20.0			
PCB-1254 Peak 1	55626 48077	52597 48682	50580	48924	Ave		50747.4692				5.7		20.0			
PCB-1254 Peak 2	48182 38954	45561 39569	43795	41130	Ave		42865.2110				8.4		20.0			
PCB-1254 Peak 3	61318 59805	62835 61674	59162	59526	Ave		60719.9438				2.4		20.0			
PCB-1254 Peak 4	50615 43531	45982 45188	44897	44255	Ave		45744.5107				5.5		20.0			
PCB-1254 Peak 5	60685 48569	55384 50724	53233	49732	Ave		53054.3935				8.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	113587 10587943	239930	606005	1112027	5843115	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 2	Lin1	89053 6747577	143984	378011	713044	3729840	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 3	Ave	298931 24932501	566205	1417304	2790920	13046219	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 1	Ave	556260 48681609	1051940	2528986	4892362	24038433	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 2	Ave	481824 39568718	911212	2189745	4113028	19477184	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 3	Ave	613175 61673827	1256700	2958120	5952591	29902513	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 4	Ave	506153 45187584	919632	2244828	4425492	21765550	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 5	Ave	606845 50723893	1107678	2661636	4973241	24284469	10.0 1000	20.0	50.0	100	500

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	3.415	3.416	3.415	3.417	3.417	3.416					3.387 - 3.447	3.416
PCB-1221 Peak 2	3.492	3.493	3.493	3.494	3.493	3.493					3.464 - 3.524	3.493
PCB-1221 Peak 3	3.560	3.561	3.560	3.562	3.561	3.561					3.532 - 3.592	3.561
PCB-1254 Peak 1	5.207	5.207	5.208	5.209	5.207	5.207					5.179 - 5.239	5.208
PCB-1254 Peak 2	5.421	5.421	5.421	5.421	5.422	5.421					5.391 - 5.451	5.421
PCB-1254 Peak 3	5.738	5.737	5.738	5.738	5.738	5.738					5.708 - 5.768	5.738
PCB-1254 Peak 4	5.997	5.997	5.997	5.997	5.997	5.997					5.967 - 6.027	5.997
PCB-1254 Peak 5	6.355	6.355	6.355	6.355	6.355	6.356					6.326 - 6.386	6.355

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	36911 27099	32111 25966	30501	27985	Ave		30095.4812				13.0		20.0			
PCB-1221 Peak 2	20314 17050	18891 16310	19245	17369	Ave		18196.3877				8.4		20.0			
PCB-1221 Peak 3	78743 64451	74231 61185	70193	68170	Ave		69495.4135				9.2		20.0			
PCB-1254 Peak 1	101972 76662	92134 80537	89557	77966	Ave		86471.3440				11.0		20.0			
PCB-1254 Peak 2	163638 123051	121599 131363	116065	105346	Ave		126843.537				16.0		20.0			
PCB-1254 Peak 3	155788 131900	143923 137400	143176	132587	Ave		140795.770				6.3		20.0			
PCB-1254 Peak 4	128005 102726	119310 106943	110475	102378	Ave		111639.602				9.1		20.0			
PCB-1254 Peak 5	137750 112313	120563 118455	120046	114483	Ave		120601.615				7.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	369114 25966431	642215	1525049	2798462	13549353	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 2	Ave	203141 16309738	377829	962234	1736878	8524789	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 3	Ave	787425 61185071	1484620	3509642	6816996	32225555	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 1	Ave	1019719 80536872	1842687	4477859	7796608	38330841	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 2	Ave	1636382 131362686	2431983	5803244	10534571	61525297	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 3	Ave	1557882 137400413	2878450	7158819	13258692	65950103	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 4	Ave	1280053 106943230	2386204	5523765	10237788	51362851	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 5	Ave	1377496 118455194	2411264	6002283	11448281	56156613	10.0 1000	20.0	50.0	100	500

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	3.399	3.399	3.398	3.398	3.398	3.398					3.368 - 3.428	3.398
PCB-1232 Peak 2	3.559	3.558	3.558	3.558	3.558	3.558					3.528 - 3.588	3.558
PCB-1232 Peak 3	4.095	4.095	4.094	4.094	4.095	4.094					4.064 - 4.124	4.095
PCB-1232 Peak 4	4.419	4.419	4.419	4.418	4.419	4.418					4.388 - 4.448	4.419
PCB-1232 Peak 5	4.544	4.544	4.544	4.543	4.544	4.544					4.514 - 4.574	4.544
PCB-1262 Peak 1	6.019	6.018	6.018	6.018	6.018	6.017					5.987 - 6.047	6.018
PCB-1262 Peak 2	6.349	6.348	6.348	6.347	6.347	6.348					6.318 - 6.378	6.348
PCB-1262 Peak 3	6.787	6.787	6.787	6.786	6.785	6.786					6.756 - 6.816	6.786
PCB-1262 Peak 4	7.076	7.076	7.076	7.075	7.075	7.076					7.046 - 7.106	7.076
PCB-1262 Peak 5	7.475	7.475	7.475	7.474	7.474	7.475					7.445 - 7.505	7.475

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	8994.0 6897.0	6610.9 7108.6	8264.2	8080.9	Lin1	19164.4721	7074.75010							0.9980		0.9900
PCB-1232 Peak 2	24723 20526	22265 20089	23837	23811	Ave		22541.8913				8.5		20.0			
PCB-1232 Peak 3	11647 11228	10993 11083	12279	13615	Ave		11807.4863				8.5		20.0			
PCB-1232 Peak 4	12253 13555	13179 13371	12255	15510	Ave		13353.6710				8.9		20.0			
PCB-1232 Peak 5	12629 10619	10560 10681	11463	12427	Ave		11396.4503				8.2		20.0			
PCB-1262 Peak 1	48908 42061	42764 41887	47210	49004	Ave		45305.4120				7.6		20.0			
PCB-1262 Peak 2	65420 58858	58508 58873	63977	67989	Ave		62270.8545				6.5		20.0			
PCB-1262 Peak 3	111817 111399	100830 112141	113132	124170	Lin1	-10540.497	112566.316							0.9990		0.9900
PCB-1262 Peak 4	85380 80809	76676 81327	84429	91973	Ave		83432.6947				6.2		20.0			
PCB-1262 Peak 5	37065 35196	32959 35248	37158	40876	Ave		36416.8228				7.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Lin1	89940 7108591	132217	413212	808088	3448519	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 2	Ave	247232 20089252	445304	1191850	2381064	10263028	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 3	Ave	116467 11082618	219866	613961	1361478	5614150	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 4	Ave	122525 13371362	263571	612759	1550968	6777377	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 5	Ave	126294 10680968	211193	573152	1242668	5309482	10.0 1000	20.0	50.0	100	500
PCB-1262 Peak 1	Ave	493966 42305373	863838	2384080	4949416	21240582	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 2	Ave	660740 59461654	1181860	3230849	6866887	29723437	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 3	Lin1	1129356 113262636	2036760	5713150	12541121	56256259	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 4	Ave	862343 82140660	1548855	4263688	9289310	40808780	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 5	Ave	374355 35600050	665777	1876459	4128457	17773898	10.1 1010	20.2	50.5	101	505

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	3.415	3.416	3.416	3.416	3.416	+++++					3.386 - 3.446	3.416
PCB-1232 Peak 2	3.561	3.562	3.561	3.561	3.561	3.561					3.531 - 3.591	3.561
PCB-1232 Peak 3	4.099	4.098	4.098	4.098	4.100	4.098					4.068 - 4.128	4.099
PCB-1232 Peak 4	4.459	4.459	4.459	4.460	4.460	4.459					4.429 - 4.489	4.459
PCB-1232 Peak 5	4.554	4.554	4.553	4.553	4.554	4.553					4.523 - 4.583	4.554
PCB-1262 Peak 1	6.125	6.125	6.125	6.124	6.125	6.125					6.095 - 6.155	6.125
PCB-1262 Peak 2	6.428	6.428	6.428	6.427	6.428	6.428					6.398 - 6.458	6.428
PCB-1262 Peak 3	6.874	6.873	6.873	6.872	6.873	6.873					6.843 - 6.903	6.873
PCB-1262 Peak 4	7.092	7.091	7.091	7.090	7.090	7.091					7.061 - 7.121	7.091
PCB-1262 Peak 5	7.539	7.538	7.539	7.538	7.539	7.538					7.508 - 7.568	7.539

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	14430 16856	26515 +++++	19605	22334	Ave		19948.0480				24.0	*	20.0			
PCB-1232 Peak 2	61663 50136	57868 49904	58197	60200	Ave		56327.8732				9.0		20.0			
PCB-1232 Peak 3	43216 26688	37870 26534	34927	31247	Ave		33413.5835				20.0		20.0			
PCB-1232 Peak 4	37830 31499	33996 31383	37314	37507	Ave		34921.6183				8.7		20.0			
PCB-1232 Peak 5	30679 25790	28878 25514	29351	30244	Ave		28409.4870				7.8		20.0			
PCB-1262 Peak 1	139747 108231	112083 107705	123195	125070	Ave		119338.475				10.0		20.0			
PCB-1262 Peak 2	137613 130766	125377 131307	143639	147901	Ave		136100.660				6.3		20.0			
PCB-1262 Peak 3	266357 269395	244635 271758	277435	300809	Ave		271731.595				6.7		20.0			
PCB-1262 Peak 4	163725 163760	153596 164989	169890	185777	Ave		166956.245				6.4		20.0			
PCB-1262 Peak 5	95547 83730	86140 83664	89078	94603	Ave		88793.6881				5.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	144301 +++++	530307	980225	2233436	8427965	10.0 +++++	20.0	50.0	100	500
PCB-1232 Peak 2	Ave	616628 49904235	1157356	2909839	6019978	25067922	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 3	Ave	432158 26533599	757399	1746357	3124735	13343831	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 4	Ave	378300 31383348	679914	1865723	3750699	15749606	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 5	Ave	306793 25514396	577558	1467544	3024397	12895238	10.0 1000	20.0	50.0	100	500
PCB-1262 Peak 1	Ave	1411440 108781597	2264086	6221354	12632040	54656891	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 2	Ave	1389895 132620275	2532620	7253759	14938009	66036976	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 3	Ave	2690205 274475264	4941635	14010456	30381748	136044677	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 4	Ave	1653625 166638734	3102638	8579439	18763521	82698861	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 5	Ave	965020 84500864	1740032	4498457	9554930	42283423	10.1 1010	20.2	50.5	101	505

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	3.557	3.557	3.558	3.558	3.557	3.558					3.528 - 3.588	3.558
PCB-1242 Peak 2	4.094	4.094	4.094	4.094	4.093	4.094					4.064 - 4.124	4.094
PCB-1242 Peak 3	4.545	4.543	4.543	4.544	4.543	4.544					4.514 - 4.574	4.544
PCB-1242 Peak 4	4.967	4.967	4.966	4.967	4.966	4.967					4.937 - 4.997	4.967
PCB-1242 Peak 5	5.178	5.178	5.178	5.178	5.178	5.178					5.148 - 5.208	5.178

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	24308 14333	16052 13349	16605	16565	Lin1	105659.592	13650.5990							0.9970		0.9900
PCB-1242 Peak 2	20935 19383	22369 18037	22395	23318	Ave		21072.9797				9.6		20.0			
PCB-1242 Peak 3	28793 19316	20849 18101	20892	21469	Ave		21570.0441				17.0		20.0			
PCB-1242 Peak 4	14227 17216	18092 15937	18376	19054	Ave		17150.2575				10.0		20.0			
PCB-1242 Peak 5	22163 23156	24078 21512	24745	25620	Ave		23545.8460				6.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Lin1	243422 13367210	321499	831395	1658827	7176717	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 2	Ave	209645 18062453	448015	1121312	2335098	9704984	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 3	Ave	288332 18126751	417565	1046064	2149917	9671401	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 4	Ave	142466 15959561	362345	920085	1908022	8620138	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 5	Ave	221941 21542605	482234	1238963	2565635	11594423	10.0 1001	20.0	50.1	100	501

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	3.560	3.561	3.561	3.561	3.561	3.562					3.531 - 3.591	3.561
PCB-1242 Peak 2	4.099	4.098	4.098	4.098	4.098	4.099					4.068 - 4.128	4.098
PCB-1242 Peak 3	4.459	4.460	4.460	4.460	4.459	4.459					4.430 - 4.490	4.460
PCB-1242 Peak 4	4.553	4.553	4.553	4.553	4.552	4.553					4.523 - 4.583	4.553
PCB-1242 Peak 5	5.237	5.237	5.236	5.237	5.237	5.237					5.207 - 5.267	5.237

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	55445 34525	40543 32336	40934	41394	Ave		40862.9003				20.0		20.0			
PCB-1242 Peak 2	72774 47148	62440 42890	58327	56528	Ave		56684.5413				19.0		20.0			
PCB-1242 Peak 3	57513 56405	69477 51570	69496	65577	Ave		61673.1135				12.0		20.0			
PCB-1242 Peak 4	52602 46821	62160 42681	52462	51353	Ave		51346.4996				13.0		20.0			
PCB-1242 Peak 5	49816 46793	52778 42215	51491	50378	Ave		48911.7868				7.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	555225 32381740	811997	2049562	4145221	17286555	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 2	Ave	728755 42949854	1250545	2920443	5660754	23607197	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 3	Ave	575936 51642579	1391478	3479660	6566925	28242103	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 4	Ave	526758 42740346	1244935	2626782	5142537	23443201	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 5	Ave	498856 42274010	1057046	2578153	5044825	23429180	10.0 1001	20.0	50.1	100	501

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	4.605	4.605	4.606	4.605	4.605	4.605					4.575 - 4.635	4.605
PCB-1248 Peak 2	4.819	4.818	4.818	4.818	4.818	4.818					4.788 - 4.848	4.818
PCB-1248 Peak 3	5.179	5.178	5.178	5.178	5.178	5.178					5.148 - 5.208	5.178
PCB-1248 Peak 4	5.380	5.380	5.380	5.380	5.380	5.380					5.350 - 5.410	5.380
PCB-1248 Peak 5	5.710	5.709	5.709	5.708	5.709	5.709					5.678 - 5.738	5.709
PCB-1268 Peak 1	7.024	7.024	7.024	7.023	7.024	7.023					6.993 - 7.053	7.024
PCB-1268 Peak 2	7.075	7.075	7.075	7.074	7.075	7.074					7.044 - 7.104	7.075
PCB-1268 Peak 3	7.241	7.242	7.241	7.241	7.243	7.241					7.211 - 7.271	7.242
PCB-1268 Peak 4	7.473	7.473	7.474	7.473	7.473	7.473					7.443 - 7.503	7.473
PCB-1268 Peak 5	7.684	7.684	7.684	7.683	7.684	7.684					7.653 - 7.713	7.684

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	37337 28085	28727 26753	31261	31166	Ave		30554.9670				12.0		20.0			
PCB-1248 Peak 2	44959 33159	32990 31899	35544	35836	Ave		35731.3238				13.0		20.0			
PCB-1248 Peak 3	61826 46414	44966 44545	47168	47496	Ave		48735.8456				13.0		20.0			
PCB-1248 Peak 4	35032 25674	24901 24558	26509	26332	Ave		27167.6866				14.0		20.0			
PCB-1248 Peak 5	39078 20492	19506 19580	21493	21756	Lin1	130004.750	19689.2258							0.9970		0.9900
PCB-1268 Peak 1	144628 130684	118863 125723	132035	133417	Ave		130891.577				6.6		20.0			
PCB-1268 Peak 2	138313 120283	106651 116282	119524	121077	Ave		120354.992				8.5		20.0			
PCB-1268 Peak 3	105553 98950	88069 96458	98750	99859	Ave		97939.8214				5.8		20.0			
PCB-1268 Peak 4	46682 41250	36563 40114	42082	42632	Ave		41553.7696				8.0		20.0			
PCB-1268 Peak 5	235630 245040	194832 249799	223838	246312	Ave		232575.309				8.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	373703 26776773	575066	1564474	3119443	14055258	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 2	Ave	449997 31928064	660403	1778775	3586821	16594634	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 3	Ave	618818 44584755	900139	2360523	4753835	23227966	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 4	Ave	350633 24580547	498459	1326659	2635539	12848729	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 5	Lin1	391131 19597648	390478	1075604	2177518	10255319	10.0 1001	20.0	50.0	100	500
PCB-1268 Peak 1	Ave	1470863 127860441	2417667	6713995	13568470	66452856	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 2	Ave	1406643 118259087	2169275	6077797	12313575	61163667	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 3	Ave	1073470 98097574	1791333	5021444	10155611	50316288	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 4	Ave	474755 40795624	743692	2139891	4335633	20975614	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 5	Ave	2396360 254045537	3962893	11382176	25049960	124602615	10.2 1017	20.3	50.9	102	509

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	4.664	4.665	4.664	4.664	4.664	4.664					4.634 - 4.694	4.664
PCB-1248 Peak 2	4.850	4.849	4.849	4.849	4.848	4.849					4.819 - 4.879	4.849
PCB-1248 Peak 3	5.236	5.236	5.236	5.236	5.237	5.237					5.206 - 5.266	5.236
PCB-1248 Peak 4	5.405	5.405	5.405	5.405	5.404	5.405					5.375 - 5.435	5.405
PCB-1248 Peak 5	5.738	5.738	5.737	5.738	5.738	5.737					5.708 - 5.768	5.738
PCB-1268 Peak 1	7.089	7.089	7.088	7.088	7.088	7.088					7.058 - 7.118	7.088
PCB-1268 Peak 2	7.151	7.150	7.151	7.150	7.151	7.150					7.120 - 7.180	7.151
PCB-1268 Peak 3	7.287	7.287	7.287	7.287	7.288	7.287					7.257 - 7.317	7.287
PCB-1268 Peak 4	7.539	7.540	7.538	7.538	7.538	7.538					7.508 - 7.568	7.539
PCB-1268 Peak 5	7.741	7.741	7.741	7.741	7.741	7.742					7.711 - 7.771	7.741

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	87206 61213	67129 58329	69507	64386	Ave		67961.7434				15.0		20.0			
PCB-1248 Peak 2	106885 75410	78962 71772	83129	78064	Ave		82370.5097				15.0		20.0			
PCB-1248 Peak 3	115133 85151	79023 80290	89346	84809	Ave		88958.4964				15.0		20.0			
PCB-1248 Peak 4	99679 69138	66183 63572	73202	70868	Ave		73773.4304				18.0		20.0			
PCB-1248 Peak 5	98708 45967	43775 43652	49740	46491	Ave		54722.2282				40.0	*	20.0			
PCB-1268 Peak 1	348543 303760	274256 298162	303882	318225	Ave		307804.721				8.0		20.0			
PCB-1268 Peak 2	308538 278344	247314 273110	279633	290209	Ave		279524.470				7.2		20.0			
PCB-1268 Peak 3	258979 236626	210878 230996	236697	247977	Ave		237025.448				6.9		20.0			
PCB-1268 Peak 4	112341 97587	124246 95033	97609	102231	Ave		104840.985				11.0		20.0			
PCB-1268 Peak 5	877504 852815	735652 830367	849038	869849	Ave		835870.985				6.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24912-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	872844 58381222	1343794	3478494	6444417	30634041	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 2	Ave	1069816 71836759	1580662	4160209	7813440	37738910	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 3	Ave	1152363 80361930	1581880	4471333	8488509	42613687	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 4	Ave	997691 63628875	1324842	3663373	7093140	34600012	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 5	Ave	987971 43690961	876293	2489254	4653288	23004099	10.0 1001	20.0	50.0	100	500
PCB-1268 Peak 1	Ave	3544684 303230781	5578370	15452412	32363488	154461804	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 2	Ave	3137827 277752462	5030374	14219337	29514208	141537817	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 3	Ave	2633820 234922495	4289250	12036053	25219241	120324408	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 4	Ave	1142505 96648651	2527154	4963401	10396934	49622740	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 5	Ave	8924214 844483628	14963168	43173599	88463628	433656532	10.2 1017	20.3	50.9	102	509

Curve Type Legend:
Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	26330		101	100	1.0	20.0
PCB-1016 Peak 2	Ave	25989	27076		104	100	4.2	20.0
PCB-1016 Peak 3	Ave	46857	48305		103	100	3.1	20.0
PCB-1016 Peak 4	Lin1		23816		112	100	11.5	20.0
PCB-1016 Peak 5	Ave	26749	27178		102	100	1.6	20.0
PCB-1260 Peak 1	Ave	51857	49784		96.0	100	-4.0	20.0
PCB-1260 Peak 2	Lin1		63725		111	100	10.6	20.0
PCB-1260 Peak 3	Lin1		80425		112	100	12.2	20.0
PCB-1260 Peak 4	Ave	91214	97648		107	100	7.1	20.0
PCB-1260 Peak 5	Ave	71029	74641		105	100	5.1	20.0
Tetrachloro-m-xylene	Ave	1031214	1040209		10.1	10.0	0.9	20.0
DCB Decachlorobiphenyl	Lin1		819555		11.1	10.0	11.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.86	3.92
PCB-1016 Peak 2	4.09	4.07	4.13
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.61	4.58	4.64
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.84	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.31	6.28	6.34
PCB-1260 Peak 4	6.79	6.76	6.82
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	64872		101	100	1.2	20.0
PCB-1016 Peak 2	Lin1		65803		109	100	9.4	20.0
PCB-1016 Peak 3	Ave	125788	133540		106	100	6.2	20.0
PCB-1016 Peak 4	Ave	46934	48812		104	100	4.0	20.0
PCB-1016 Peak 5	Ave	58141	60764		105	100	4.5	20.0
PCB-1260 Peak 1	Ave	114814	117498		102	100	2.3	20.0
PCB-1260 Peak 2	Lin1		183921		106	100	5.9	20.0
PCB-1260 Peak 3	Ave	165857	174576		105	100	5.3	20.0
PCB-1260 Peak 4	Ave	214975	228932		106	100	6.5	20.0
PCB-1260 Peak 5	Ave	129719	141483		109	100	9.1	20.0
Tetrachloro-m-xylene	Ave	2610963	2742650		10.5	10.0	5.0	20.0
DCB Decachlorobiphenyl	Ave	2035658	2243911		11.0	10.0	10.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1101565		10.7	10.0	6.8	20.0
DCB Decachlorobiphenyl	Lin1		782553		10.6	10.0	5.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	11478	12995		113	100	13.2	20.0
PCB-1221 Peak 2	Lin1		8722		123	100	22.7*	20.0
PCB-1221 Peak 3	Ave	27581	29581		107	100	7.3	20.0
PCB-1254 Peak 1	Ave	50747	57436		113	100	13.2	20.0
PCB-1254 Peak 2	Ave	42865	51582		120	100	20.3*	20.0
PCB-1254 Peak 3	Ave	60720	70944		117	100	16.8	20.0
PCB-1254 Peak 4	Ave	45745	44794		97.9	100	-2.1	20.0
PCB-1254 Peak 5	Ave	53054	56594		107	100	6.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.40	3.37	3.43
PCB-1221 Peak 2	3.48	3.45	3.51
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.18	5.15	5.21
PCB-1254 Peak 2	5.33	5.30	5.36
PCB-1254 Peak 3	5.71	5.68	5.74
PCB-1254 Peak 4	5.93	5.90	5.96
PCB-1254 Peak 5	6.31	6.28	6.34

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3006485		11.5	10.0	15.1	20.0
DCB Decachlorobiphenyl	Ave	2035658	2122457		10.4	10.0	4.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	30095	30027		99.8	100	-0.2	20.0
PCB-1221 Peak 2	Ave	18196	21018		116	100	15.5	20.0
PCB-1221 Peak 3	Ave	69495	70513		101	100	1.5	20.0
PCB-1254 Peak 1	Ave	86471	106479		123	100	23.1*	20.0
PCB-1254 Peak 2	Ave	126844	135185		107	100	6.6	20.0
PCB-1254 Peak 3	Ave	140796	161591		115	100	14.8	20.0
PCB-1254 Peak 4	Ave	111640	125851		113	100	12.7	20.0
PCB-1254 Peak 5	Ave	120602	130646		108	100	8.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.42	3.39	3.45
PCB-1221 Peak 2	3.49	3.46	3.52
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.21	5.18	5.24
PCB-1254 Peak 2	5.42	5.39	5.45
PCB-1254 Peak 3	5.74	5.71	5.77
PCB-1254 Peak 4	6.00	5.97	6.03
PCB-1254 Peak 5	6.36	6.33	6.39

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1250502		12.1	10.0	21.3*	20.0
DCB Decachlorobiphenyl	Lin1		865026		11.8	10.0	17.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.17	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 3	Ave	11807	0.0000			100	-100.0*	20.0
PCB-1232 Peak 1	Lin1		7840		108	100	8.1	20.0
PCB-1232 Peak 2	Ave	22542	24504		109	100	8.7	20.0
PCB-1232 Peak 4	Ave	13354	15613		117	100	16.9	20.0
PCB-1232 Peak 5	Ave	11396	15059		132	100	32.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 3	0.00	4.06	4.12
PCB-1232 Peak 1	3.40	3.37	3.43
PCB-1232 Peak 2	3.56	3.53	3.59
PCB-1232 Peak 4	4.42	4.39	4.45
PCB-1232 Peak 5	4.55	4.51	4.57

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3259541		12.5	10.0	24.8*	20.0
DCB Decachlorobiphenyl	Ave	2035658	2328815		11.4	10.0	14.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	19948	17086		85.7	100	-14.3	20.0
PCB-1232 Peak 2	Ave	56328	60682		108	100	7.7	20.0
PCB-1232 Peak 3	Ave	33414	33819		101	100	1.2	20.0
PCB-1232 Peak 4	Ave	34922	28645		82.0	100	-18.0	20.0
PCB-1232 Peak 5	Ave	28409	28645		101	100	0.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 1	3.42	3.39	3.45
PCB-1232 Peak 2	3.56	3.53	3.59
PCB-1232 Peak 3	4.10	4.07	4.13
PCB-1232 Peak 4	4.55	4.43	4.49
PCB-1232 Peak 5	4.55	4.52	4.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1223067		11.9	10.0	18.6	20.0
DCB Decachlorobiphenyl	Lin1		871070		11.9	10.0	18.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0000			100	-100.0*	20.0
PCB-1242 Peak 2	Ave	21073	25433		121	100	20.7*	20.0
PCB-1242 Peak 3	Ave	21570	23343		108	100	8.2	20.0
PCB-1242 Peak 4	Ave	17150	19424		113	100	13.3	20.0
PCB-1242 Peak 5	Ave	23546	27310		116	100	16.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	0.00	3.53	3.59
PCB-1242 Peak 2	4.09	4.06	4.12
PCB-1242 Peak 3	4.54	4.51	4.57
PCB-1242 Peak 4	4.97	4.94	5.00
PCB-1242 Peak 5	5.18	5.15	5.21

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3168245		12.1	10.0	21.3*	20.0
DCB Decachlorobiphenyl	Ave	2035658	2315165		11.4	10.0	13.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	40863	0.0000			100	-100.0*	20.0
PCB-1242 Peak 2	Ave	56685	59715		105	100	5.3	20.0
PCB-1242 Peak 3	Ave	61673	69612		113	100	12.9	20.0
PCB-1242 Peak 4	Ave	51346	54061		105	100	5.3	20.0
PCB-1242 Peak 5	Ave	48912	54270		111	100	11.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	0.00	3.53	3.59
PCB-1242 Peak 2	4.10	4.07	4.13
PCB-1242 Peak 3	4.46	4.43	4.49
PCB-1242 Peak 4	4.55	4.52	4.58
PCB-1242 Peak 5	5.24	5.21	5.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1161696		11.3	10.0	12.7	20.0
DCB Decachlorobiphenyl	Lin1		1518532		21.1	10.0	111.0*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	30555	0.0000			100	-100.0*	20.0
PCB-1248 Peak 2	Ave	35731	0.0000			100	-100.0*	20.0
PCB-1248 Peak 3	Ave	48736	55199		113	100	13.3	20.0
PCB-1248 Peak 4	Ave	27168	30884		114	100	13.7	20.0
PCB-1248 Peak 5	Lin1		22730		109	100	8.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	0.00	4.58	4.64
PCB-1248 Peak 2	0.00	4.79	4.85
PCB-1248 Peak 3	5.18	5.15	5.21
PCB-1248 Peak 4	5.38	5.35	5.41
PCB-1248 Peak 5	5.71	5.68	5.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3035365		11.6	10.0	16.3	20.0
DCB Decachlorobiphenyl	Ave	2035658	3991580		19.6	10.0	96.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	67962	0.0000			100	-100.0*	20.0
PCB-1248 Peak 2	Ave	82371	0.0000			100	-100.0*	20.0
PCB-1248 Peak 3	Ave	88958	103006		116	100	15.8	20.0
PCB-1248 Peak 4	Ave	73773	84472		115	100	14.5	20.0
PCB-1248 Peak 5	Ave	54722	55537		101	100	1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	0.00	4.63	4.69
PCB-1248 Peak 2	0.00	4.82	4.88
PCB-1248 Peak 3	5.24	5.21	5.27
PCB-1248 Peak 4	5.41	5.38	5.44
PCB-1248 Peak 5	5.74	5.71	5.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVRT 580-82183/2 Calibration Date: 03/13/2011 12:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155266.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	24220		92.9	100	-7.1	20.0
PCB-1016 Peak 2	Ave	25989	25779		99.2	100	-0.8	20.0
PCB-1016 Peak 3	Ave	46857	47223		101	100	0.8	20.0
PCB-1016 Peak 4	Lin1		22655		106	100	5.7	20.0
PCB-1016 Peak 5	Ave	26749	25694		96.1	100	-3.9	20.0
PCB-1260 Peak 1	Ave	51857	47732		92.0	100	-8.0	20.0
PCB-1260 Peak 2	Lin1		58879		102	100	2.0	20.0
PCB-1260 Peak 3	Lin1		72633		101	100	0.9	20.0
PCB-1260 Peak 4	Ave	91214	89842		98.5	100	-1.5	20.0
PCB-1260 Peak 5	Ave	71029	69878		98.4	100	-1.6	20.0
Tetrachloro-m-xylene	Ave	1031214	1034446		10.0	10.0	0.3	20.0
DCB Decachlorobiphenyl	Lin1		789817		10.7	10.0	6.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVRT 580-82183/2 Calibration Date: 03/13/2011 12:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155266.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.84	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVRT 580-82183/2 Calibration Date: 03/13/2011 12:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155266.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	64293		100	100	0.3	20.0
PCB-1016 Peak 2	Lin1		66133		110	100	10.0	20.0
PCB-1016 Peak 3	Ave	125788	135642		108	100	7.8	20.0
PCB-1016 Peak 4	Ave	46934	48147		103	100	2.6	20.0
PCB-1016 Peak 5	Ave	58141	59222		102	100	1.9	20.0
PCB-1260 Peak 1	Ave	114814	114258		99.5	100	-0.5	20.0
PCB-1260 Peak 2	Lin1		171230		98.4	100	-1.6	20.0
PCB-1260 Peak 3	Ave	165857	160713		96.9	100	-3.1	20.0
PCB-1260 Peak 4	Ave	214975	210465		97.9	100	-2.1	20.0
PCB-1260 Peak 5	Ave	129719	127242		98.1	100	-1.9	20.0
Tetrachloro-m-xylene	Ave	2610963	2788943		10.7	10.0	6.8	20.0
DCB Decachlorobiphenyl	Ave	2035658	1915578		9.41	10.0	-5.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCVRT 580-82183/2 Calibration Date: 03/13/2011 12:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155266.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.35	6.32	6.38
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/65 Calibration Date: 03/14/2011 03:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155329.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	22288		85.5	100	-14.5	20.0
PCB-1016 Peak 2	Ave	25989	24321		93.6	100	-6.4	20.0
PCB-1016 Peak 3	Ave	46857	45241		96.5	100	-3.5	20.0
PCB-1016 Peak 4	Lin1		21759		101	100	1.2	20.0
PCB-1016 Peak 5	Ave	26749	23229		86.8	100	-13.2	20.0
PCB-1260 Peak 1	Ave	51857	44903		86.6	100	-13.4	20.0
PCB-1260 Peak 2	Lin1		55233		95.5	100	-4.5	20.0
PCB-1260 Peak 3	Lin1		66332		91.7	100	-8.3	20.0
PCB-1260 Peak 4	Ave	91214	84538		92.7	100	-7.3	20.0
PCB-1260 Peak 5	Ave	71029	65143		91.7	100	-8.3	20.0
Tetrachloro-m-xylene	Ave	1031214	978791		9.49	10.0	-5.1	20.0
DCB Decachlorobiphenyl	Lin1		750458		10.1	10.0	1.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/65 Calibration Date: 03/14/2011 03:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155329.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/65 Calibration Date: 03/14/2011 03:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155329.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	60883		95.0	100	-5.0	20.0
PCB-1016 Peak 2	Lin1		63105		105	100	4.7	20.0
PCB-1016 Peak 3	Ave	125788	138649		110	100	10.2	20.0
PCB-1016 Peak 4	Ave	46934	44994		95.9	100	-4.1	20.0
PCB-1016 Peak 5	Ave	58141	55876		96.1	100	-3.9	20.0
PCB-1260 Peak 1	Ave	114814	109271		95.2	100	-4.8	20.0
PCB-1260 Peak 2	Lin1		164932		94.7	100	-5.3	20.0
PCB-1260 Peak 3	Ave	165857	176570		106	100	6.5	20.0
PCB-1260 Peak 4	Ave	214975	206459		96.0	100	-4.0	20.0
PCB-1260 Peak 5	Ave	129719	121681		93.8	100	-6.2	20.0
Tetrachloro-m-xylene	Ave	2610963	2644958		10.1	10.0	1.3	20.0
DCB Decachlorobiphenyl	Ave	2035658	1830611		8.99	10.0	-10.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/65 Calibration Date: 03/14/2011 03:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155329.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.32	6.38
PCB-1260 Peak 4	6.88	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/76 Calibration Date: 03/14/2011 05:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155340.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	22810		87.5	100	-12.5	20.0
PCB-1016 Peak 2	Ave	25989	24876		95.7	100	-4.3	20.0
PCB-1016 Peak 3	Ave	46857	46402		99.0	100	-1.0	20.0
PCB-1016 Peak 4	Lin1		21632		101	100	0.6	20.0
PCB-1016 Peak 5	Ave	26749	23539		88.0	100	-12.0	20.0
PCB-1260 Peak 1	Ave	51857	45513		87.8	100	-12.2	20.0
PCB-1260 Peak 2	Lin1		57077		98.8	100	-1.2	20.0
PCB-1260 Peak 3	Lin1		69310		96.0	100	-4.0	20.0
PCB-1260 Peak 4	Ave	91214	85932		94.2	100	-5.8	20.0
PCB-1260 Peak 5	Ave	71029	64662		91.0	100	-9.0	20.0
Tetrachloro-m-xylene	Ave	1031214	1013573		9.83	10.0	-1.7	20.0
DCB Decachlorobiphenyl	Lin1		770974		10.4	10.0	4.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/76 Calibration Date: 03/14/2011 05:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155340.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.81	5.87
PCB-1260 Peak 2	6.01	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/76 Calibration Date: 03/14/2011 05:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155340.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	59745		93.2	100	-6.8	20.0
PCB-1016 Peak 2	Lin1		61182		101	100	1.3	20.0
PCB-1016 Peak 3	Ave	125788	136655		109	100	8.6	20.0
PCB-1016 Peak 4	Ave	46934	43065		91.8	100	-8.2	20.0
PCB-1016 Peak 5	Ave	58141	53638		92.3	100	-7.7	20.0
PCB-1260 Peak 1	Ave	114814	110003		95.8	100	-4.2	20.0
PCB-1260 Peak 2	Lin1		173125		99.6	100	-0.4	20.0
PCB-1260 Peak 3	Ave	165857	185600		112	100	11.9	20.0
PCB-1260 Peak 4	Ave	214975	211623		98.4	100	-1.6	20.0
PCB-1260 Peak 5	Ave	129719	126134		97.2	100	-2.8	20.0
Tetrachloro-m-xylene	Ave	2610963	2631130		10.1	10.0	0.8	20.0
DCB Decachlorobiphenyl	Ave	2035658	1951987		9.59	10.0	-4.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/76 Calibration Date: 03/14/2011 05:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155340.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.32	6.38
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/87 Calibration Date: 03/14/2011 08:35

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155351.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	22408		85.9	100	-14.1	20.0
PCB-1016 Peak 2	Ave	25989	23642		91.0	100	-9.0	20.0
PCB-1016 Peak 3	Ave	46857	46801		99.9	100	-0.1	20.0
PCB-1016 Peak 4	Lin1		21086		97.9	100	-2.1	20.0
PCB-1016 Peak 5	Ave	26749	23362		87.3	100	-12.7	20.0
PCB-1260 Peak 1	Ave	51857	43669		84.2	100	-15.8	20.0
PCB-1260 Peak 2	Lin1		53546		92.5	100	-7.5	20.0
PCB-1260 Peak 3	Lin1		64266		88.7	100	-11.3	20.0
PCB-1260 Peak 4	Ave	91214	79830		87.5	100	-12.5	20.0
PCB-1260 Peak 5	Ave	71029	61609		86.7	100	-13.3	20.0
Tetrachloro-m-xylene	Ave	1031214	965395		9.36	10.0	-6.4	20.0
DCB Decachlorobiphenyl	Lin1		700648		9.42	10.0	-5.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/87 Calibration Date: 03/14/2011 08:35

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155351.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/87 Calibration Date: 03/14/2011 08:35

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155351.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	59490		92.8	100	-7.2	20.0
PCB-1016 Peak 2	Lin1		65003		108	100	8.0	20.0
PCB-1016 Peak 3	Ave	125788	144911		115	100	15.2	20.0
PCB-1016 Peak 4	Ave	46934	45604		97.2	100	-2.8	20.0
PCB-1016 Peak 5	Ave	58141	55494		95.4	100	-4.6	20.0
PCB-1260 Peak 1	Ave	114814	109579		95.4	100	-4.6	20.0
PCB-1260 Peak 2	Lin1		166266		95.5	100	-4.5	20.0
PCB-1260 Peak 3	Ave	165857	173958		105	100	4.9	20.0
PCB-1260 Peak 4	Ave	214975	198546		92.4	100	-7.6	20.0
PCB-1260 Peak 5	Ave	129719	102404		78.9	100	-21.1*	20.0
Tetrachloro-m-xylene	Ave	2610963	2730378		10.5	10.0	4.6	20.0
DCB Decachlorobiphenyl	Ave	2035658	1734898		8.52	10.0	-14.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: CCV 580-82183/87 Calibration Date: 03/14/2011 08:35

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155351.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.32	6.38
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82185/16-A

Matrix: Solid | Lab File ID: CC155330.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 03:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.010	0.0032
11104-28-2	PCB-1221	ND		0.010	0.0080
11141-16-5	PCB-1232	ND		0.010	0.0070
53469-21-9	PCB-1242	ND		0.010	0.0021
12672-29-6	PCB-1248	ND		0.010	0.0030
11097-69-1	PCB-1254	ND		0.010	0.0021
11096-82-5	PCB-1260	ND		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		45-155
2051-24-3	DCB Decachlorobiphenyl	99		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82185/17-A

Matrix: Solid Lab File ID: CC155331.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3550B Date Extracted: 03/13/2011 12:30

Sample wt/vol: 10(g) Date Analyzed: 03/14/2011 03:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.0868		0.010	0.0032
11096-82-5	PCB-1260	0.0884		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		45-155
2051-24-3	DCB Decachlorobiphenyl	98		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) MS RE | Lab Sample ID: 580-24912-4 MS RE

Matrix: Solid | Lab File ID: CC155336.D

Analysis Method: 8082 | Date Collected: 03/10/2011 12:15

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.6767(g) | Date Analyzed: 03/14/2011 05:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.103		0.014	0.0044
11104-28-2	PCB-1221	ND		0.014	0.011
11141-16-5	PCB-1232	ND		0.014	0.0095
53469-21-9	PCB-1242	ND		0.014	0.0029
12672-29-6	PCB-1248	ND		0.014	0.0041
11097-69-1	PCB-1254	ND		0.014	0.0029
11096-82-5	PCB-1260	0.104		0.014	0.0041

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		45-155
2051-24-3	DCB Decachlorobiphenyl	82		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

Client Sample ID: YK-MW-2 (0-1) MSD RE | Lab Sample ID: 580-24912-4 MSD RE

Matrix: Solid | Lab File ID: CC155337.D

Analysis Method: 8082 | Date Collected: 03/10/2011 12:15

Extraction Method: 3550B | Date Extracted: 03/13/2011 12:30

Sample wt/vol: 9.6725(g) | Date Analyzed: 03/14/2011 05:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.105		0.014	0.0044
11104-28-2	PCB-1221	ND		0.014	0.011
11141-16-5	PCB-1232	ND		0.014	0.0095
53469-21-9	PCB-1242	ND		0.014	0.0029
12672-29-6	PCB-1248	ND		0.014	0.0041
11097-69-1	PCB-1254	ND		0.014	0.0029
11096-82-5	PCB-1260	0.109		0.014	0.0041

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		45-155
2051-24-3	DCB Decachlorobiphenyl	84		60-125

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/03/2011 09:34

Analysis Batch Number: 81563 End Date: 03/03/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 580-81563/2		03/03/2011 09:34	1	CC155047.D	ZB-MR-2 0.25(mm)
IC 580-81563/2		03/03/2011 09:34	1	CC155047.D	ZB-MR-1 0.25(mm)
IC 580-81563/3		03/03/2011 09:48	1	CC155048.D	ZB-MR-2 0.25(mm)
IC 580-81563/3		03/03/2011 09:48	1	CC155048.D	ZB-MR-1 0.25(mm)
IC 580-81563/4		03/03/2011 10:02	1	CC155049.D	ZB-MR-2 0.25(mm)
IC 580-81563/4		03/03/2011 10:02	1	CC155049.D	ZB-MR-1 0.25(mm)
IC 580-81563/5		03/03/2011 10:16	1	CC155050.D	ZB-MR-2 0.25(mm)
IC 580-81563/5		03/03/2011 10:16	1	CC155050.D	ZB-MR-1 0.25(mm)
IC 580-81563/6		03/03/2011 10:30	1	CC155051.D	ZB-MR-2 0.25(mm)
IC 580-81563/6		03/03/2011 10:30	1	CC155051.D	ZB-MR-1 0.25(mm)
IC 580-81563/7		03/03/2011 10:45	1	CC155052.D	ZB-MR-2 0.25(mm)
IC 580-81563/7		03/03/2011 10:45	1	CC155052.D	ZB-MR-1 0.25(mm)
ICV 580-81563/8		03/03/2011 10:59	1	CC155053.D	ZB-MR-2 0.25(mm)
ICV 580-81563/8		03/03/2011 10:59	1	CC155053.D	ZB-MR-1 0.25(mm)
IC 580-81563/9		03/03/2011 11:13	1	CC155054.D	ZB-MR-2 0.25(mm)
IC 580-81563/9		03/03/2011 11:13	1	CC155054.D	ZB-MR-1 0.25(mm)
IC 580-81563/10		03/03/2011 11:27	1	CC155055.D	ZB-MR-2 0.25(mm)
IC 580-81563/10		03/03/2011 11:27	1	CC155055.D	ZB-MR-1 0.25(mm)
IC 580-81563/11		03/03/2011 11:41	1	CC155056.D	ZB-MR-2 0.25(mm)
IC 580-81563/11		03/03/2011 11:41	1	CC155056.D	ZB-MR-1 0.25(mm)
IC 580-81563/12		03/03/2011 11:55	1	CC155057.D	ZB-MR-2 0.25(mm)
IC 580-81563/12		03/03/2011 11:55	1	CC155057.D	ZB-MR-1 0.25(mm)
IC 580-81563/13		03/03/2011 12:09	1	CC155058.D	ZB-MR-2 0.25(mm)
IC 580-81563/13		03/03/2011 12:09	1	CC155058.D	ZB-MR-1 0.25(mm)
IC 580-81563/14		03/03/2011 12:23	1	CC155059.D	ZB-MR-2 0.25(mm)
IC 580-81563/14		03/03/2011 12:23	1	CC155059.D	ZB-MR-1 0.25(mm)
ICV 580-81563/15		03/03/2011 12:38	1	CC155060.D	ZB-MR-2 0.25(mm)
ICV 580-81563/15		03/03/2011 12:38	1	CC155060.D	ZB-MR-1 0.25(mm)
IC 580-81563/16		03/03/2011 14:54	1	CC155066.D	ZB-MR-2 0.25(mm)
IC 580-81563/16		03/03/2011 14:54	1	CC155066.D	ZB-MR-1 0.25(mm)
IC 580-81563/17		03/03/2011 15:08	1	CC155067.D	ZB-MR-2 0.25(mm)
IC 580-81563/17		03/03/2011 15:08	1	CC155067.D	ZB-MR-1 0.25(mm)
IC 580-81563/18		03/03/2011 15:22	1	CC155068.D	ZB-MR-2 0.25(mm)
IC 580-81563/18		03/03/2011 15:22	1	CC155068.D	ZB-MR-1 0.25(mm)
IC 580-81563/19		03/03/2011 15:36	1	CC155069.D	ZB-MR-2 0.25(mm)
IC 580-81563/19		03/03/2011 15:36	1	CC155069.D	ZB-MR-1 0.25(mm)
IC 580-81563/20		03/03/2011 15:51	1	CC155070.D	ZB-MR-2 0.25(mm)
IC 580-81563/20		03/03/2011 15:51	1	CC155070.D	ZB-MR-1 0.25(mm)
IC 580-81563/21		03/03/2011 16:05	1	CC155071.D	ZB-MR-2 0.25(mm)
IC 580-81563/21		03/03/2011 16:05	1	CC155071.D	ZB-MR-1 0.25(mm)
ICV 580-81563/22		03/03/2011 16:20	1	CC155072.D	ZB-MR-2 0.25(mm)
ICV 580-81563/22		03/03/2011 16:20	1	CC155072.D	ZB-MR-1 0.25(mm)
IC 580-81563/23		03/03/2011 16:34	1	CC155073.D	ZB-MR-2 0.25(mm)
IC 580-81563/23		03/03/2011 16:34	1	CC155073.D	ZB-MR-1 0.25(mm)
IC 580-81563/24		03/03/2011 16:48	1	CC155074.D	ZB-MR-2 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/03/2011 09:34

Analysis Batch Number: 81563 End Date: 03/03/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 580-81563/24		03/03/2011 16:48	1	CC155074.D	ZB-MR-1 0.25(mm)
IC 580-81563/25		03/03/2011 17:02	1	CC155075.D	ZB-MR-2 0.25(mm)
IC 580-81563/25		03/03/2011 17:02	1	CC155075.D	ZB-MR-1 0.25(mm)
IC 580-81563/26		03/03/2011 17:16	1	CC155076.D	ZB-MR-2 0.25(mm)
IC 580-81563/26		03/03/2011 17:16	1	CC155076.D	ZB-MR-1 0.25(mm)
IC 580-81563/27		03/03/2011 17:31	1	CC155077.D	ZB-MR-2 0.25(mm)
IC 580-81563/27		03/03/2011 17:31	1	CC155077.D	ZB-MR-1 0.25(mm)
IC 580-81563/28		03/03/2011 17:45	1	CC155078.D	ZB-MR-2 0.25(mm)
IC 580-81563/28		03/03/2011 17:45	1	CC155078.D	ZB-MR-1 0.25(mm)
ICV 580-81563/29		03/03/2011 17:59	1	CC155079.D	ZB-MR-2 0.25(mm)
ICV 580-81563/29		03/03/2011 17:59	1	CC155079.D	ZB-MR-1 0.25(mm)
IC 580-81563/30		03/03/2011 18:13	1	CC155080.D	ZB-MR-2 0.25(mm)
IC 580-81563/30		03/03/2011 18:13	1	CC155080.D	ZB-MR-1 0.25(mm)
IC 580-81563/31		03/03/2011 18:27	1	CC155081.D	ZB-MR-2 0.25(mm)
IC 580-81563/31		03/03/2011 18:27	1	CC155081.D	ZB-MR-1 0.25(mm)
IC 580-81563/32		03/03/2011 18:41	1	CC155082.D	ZB-MR-2 0.25(mm)
IC 580-81563/32		03/03/2011 18:41	1	CC155082.D	ZB-MR-1 0.25(mm)
IC 580-81563/33		03/03/2011 18:55	1	CC155083.D	ZB-MR-2 0.25(mm)
IC 580-81563/33		03/03/2011 18:55	1	CC155083.D	ZB-MR-1 0.25(mm)
IC 580-81563/34		03/03/2011 19:09	1	CC155084.D	ZB-MR-2 0.25(mm)
IC 580-81563/34		03/03/2011 19:09	1	CC155084.D	ZB-MR-1 0.25(mm)
IC 580-81563/35		03/03/2011 19:24	1	CC155085.D	ZB-MR-2 0.25(mm)
IC 580-81563/35		03/03/2011 19:24	1	CC155085.D	ZB-MR-1 0.25(mm)
ICV 580-81563/36		03/03/2011 19:38	1	CC155086.D	ZB-MR-2 0.25(mm)
ICV 580-81563/36		03/03/2011 19:38	1	CC155086.D	ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/13/2011 12:08

Analysis Batch Number: 82183 End Date: 03/14/2011 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 580-82183/2		03/13/2011 12:08	1	CC155266.D	ZB-MR-2 0.25(mm)
CCVRT 580-82183/2		03/13/2011 12:08	1	CC155266.D	ZB-MR-1 0.25(mm)
CCV 580-82183/3		03/13/2011 12:22	1		ZB-MR-2 0.25(mm)
CCV 580-82183/3		03/13/2011 12:22	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:00	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:00	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:14	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:14	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:28	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:28	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:43	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:57	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:57	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 14:11	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 14:11	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 14:25	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 14:25	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 14:39	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 14:39	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 14:54	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 14:54	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 15:08	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 15:08	1		ZB-MR-1 0.25(mm)
CCV 580-82183/14		03/13/2011 15:22	1		ZB-MR-2 0.25(mm)
CCV 580-82183/14		03/13/2011 15:22	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 15:36	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 15:36	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 15:50	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 15:50	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 16:04	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 16:04	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 16:19	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 16:19	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 16:33	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 16:33	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 16:47	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 16:47	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:01	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 17:01	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:15	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 17:15	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:29	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 17:29	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:43	1		ZB-MR-2 0.25(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/13/2011 12:08

Analysis Batch Number: 82183 End Date: 03/14/2011 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/13/2011 17:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:58	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 17:58	1		ZB-MR-1 0.25(mm)
CCV 580-82183/26		03/13/2011 18:12	1		ZB-MR-2 0.25(mm)
CCV 580-82183/26		03/13/2011 18:12	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 18:26	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 18:26	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 18:40	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 18:40	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 18:54	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 18:54	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 19:08	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 19:08	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 19:22	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 19:22	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 19:37	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 19:37	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 19:51	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 19:51	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 20:05	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 20:05	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 20:19	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 20:19	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 20:33	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 20:33	1		ZB-MR-1 0.25(mm)
CCV 580-82183/37		03/13/2011 20:47	1		ZB-MR-2 0.25(mm)
CCV 580-82183/37		03/13/2011 20:47	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 21:01	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 21:01	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 21:16	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 21:16	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 21:30	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 21:30	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 21:44	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 21:44	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 21:58	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 21:58	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 22:12	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 22:12	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 22:26	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 22:26	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 22:40	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 22:40	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 22:55	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 22:55	1		ZB-MR-1 0.25(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/13/2011 12:08

Analysis Batch Number: 82183 End Date: 03/14/2011 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/13/2011 23:09	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 23:09	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 23:23	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 23:23	1		ZB-MR-1 0.25(mm)
CCV 580-82183/49		03/13/2011 23:37	1		ZB-MR-2 0.25(mm)
CCV 580-82183/49		03/13/2011 23:37	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 23:51	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 23:51	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 00:06	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 00:06	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 00:20	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 00:20	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 00:34	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 00:34	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 00:48	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 00:48	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 01:02	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 01:02	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 01:16	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 01:16	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 01:30	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 01:30	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 01:44	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 01:44	1		ZB-MR-1 0.25(mm)
CCV 580-82183/59		03/14/2011 01:58	1		ZB-MR-2 0.25(mm)
CCV 580-82183/59		03/14/2011 01:58	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 02:13	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 02:13	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 02:27	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 02:27	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 02:41	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 02:41	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 02:55	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 02:55	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 03:09	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 03:09	1		ZB-MR-1 0.25(mm)
CCV 580-82183/65		03/14/2011 03:23	1	CC155329.D	ZB-MR-2 0.25(mm)
CCV 580-82183/65		03/14/2011 03:23	1	CC155329.D	ZB-MR-1 0.25(mm)
MB 580-82185/16-A		03/14/2011 03:38	1	CC155330.D	ZB-MR-2 0.25(mm)
MB 580-82185/16-A		03/14/2011 03:38	1	CC155330.D	ZB-MR-1 0.25(mm)
LCS 580-82185/17-A		03/14/2011 03:52	1	CC155331.D	ZB-MR-2 0.25(mm)
LCS 580-82185/17-A		03/14/2011 03:52	1	CC155331.D	ZB-MR-1 0.25(mm)
580-24912-1 RE	YK-MW-1 (0-1) RE	03/14/2011 04:06	1	CC155332.D	ZB-MR-2 0.25(mm)
580-24912-1 RE	YK-MW-1 (0-1) RE	03/14/2011 04:06	1	CC155332.D	ZB-MR-1 0.25(mm)
580-24912-2 RE	YK-MW-1 (4-5) RE	03/14/2011 04:20	1	CC155333.D	ZB-MR-2 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/13/2011 12:08

Analysis Batch Number: 82183 End Date: 03/14/2011 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
580-24912-2 RE	YK-MW-1 (4-5) RE	03/14/2011 04:20	1	CC155333.D	ZB-MR-1 0.25(mm)
580-24912-3 RE	YK-MW-1 (4-5) Dup RE	03/14/2011 04:34	1	CC155334.D	ZB-MR-2 0.25(mm)
580-24912-3 RE	YK-MW-1 (4-5) Dup RE	03/14/2011 04:34	1	CC155334.D	ZB-MR-1 0.25(mm)
580-24912-4 RE	YK-MW-2 (0-1) RE	03/14/2011 04:48	1	CC155335.D	ZB-MR-2 0.25(mm)
580-24912-4 RE	YK-MW-2 (0-1) RE	03/14/2011 04:48	1	CC155335.D	ZB-MR-1 0.25(mm)
580-24912-4 MS RE	YK-MW-2 (0-1) MS RE	03/14/2011 05:02	1	CC155336.D	ZB-MR-2 0.25(mm)
580-24912-4 MS RE	YK-MW-2 (0-1) MS RE	03/14/2011 05:02	1	CC155336.D	ZB-MR-1 0.25(mm)
580-24912-4 MSD RE	YK-MW-2 (0-1) MSD RE	03/14/2011 05:16	1	CC155337.D	ZB-MR-2 0.25(mm)
580-24912-4 MSD RE	YK-MW-2 (0-1) MSD RE	03/14/2011 05:16	1	CC155337.D	ZB-MR-1 0.25(mm)
580-24912-5 RE	YK-MW-2 (4-5) RE	03/14/2011 05:31	1	CC155338.D	ZB-MR-2 0.25(mm)
580-24912-5 RE	YK-MW-2 (4-5) RE	03/14/2011 05:31	1	CC155338.D	ZB-MR-1 0.25(mm)
580-24912-6 RE	YK-MW-3 (0-1) RE	03/14/2011 05:45	1	CC155339.D	ZB-MR-2 0.25(mm)
580-24912-6 RE	YK-MW-3 (0-1) RE	03/14/2011 05:45	1	CC155339.D	ZB-MR-1 0.25(mm)
CCV 580-82183/76		03/14/2011 05:59	1	CC155340.D	ZB-MR-2 0.25(mm)
CCV 580-82183/76		03/14/2011 05:59	1	CC155340.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 06:13	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 06:13	1		ZB-MR-1 0.25(mm)
580-24912-7 RE	YK-MW-31 (0-1) RE	03/14/2011 06:27	1	CC155342.D	ZB-MR-2 0.25(mm)
580-24912-7 RE	YK-MW-31 (0-1) RE	03/14/2011 06:27	1	CC155342.D	ZB-MR-1 0.25(mm)
580-24912-8 RE	YK-MW-3 (4-5) RE	03/14/2011 06:41	1	CC155343.D	ZB-MR-2 0.25(mm)
580-24912-8 RE	YK-MW-3 (4-5) RE	03/14/2011 06:41	1	CC155343.D	ZB-MR-1 0.25(mm)
580-24912-9 RE	YK-MW-4 (0-1) RE	03/14/2011 06:55	1	CC155344.D	ZB-MR-2 0.25(mm)
580-24912-9 RE	YK-MW-4 (0-1) RE	03/14/2011 06:55	1	CC155344.D	ZB-MR-1 0.25(mm)
580-24912-10 RE	YK-MW-4 (4-5) RE	03/14/2011 07:10	1	CC155345.D	ZB-MR-2 0.25(mm)
580-24912-10 RE	YK-MW-4 (4-5) RE	03/14/2011 07:10	1	CC155345.D	ZB-MR-1 0.25(mm)
580-24912-11 RE	YK-SB5 (0-1) RE	03/14/2011 07:24	1	CC155346.D	ZB-MR-2 0.25(mm)
580-24912-11 RE	YK-SB5 (0-1) RE	03/14/2011 07:24	1	CC155346.D	ZB-MR-1 0.25(mm)
580-24912-12 RE	YK-SB05 (5-6) RE	03/14/2011 07:38	1	CC155347.D	ZB-MR-2 0.25(mm)
580-24912-12 RE	YK-SB05 (5-6) RE	03/14/2011 07:38	1	CC155347.D	ZB-MR-1 0.25(mm)
580-24912-13 RE	YK-SB09 (0-1) RE	03/14/2011 07:52	1	CC155348.D	ZB-MR-2 0.25(mm)
580-24912-13 RE	YK-SB09 (0-1) RE	03/14/2011 07:52	1	CC155348.D	ZB-MR-1 0.25(mm)
580-24912-14 RE	YK-SB09 D(0-1) RE	03/14/2011 08:06	1	CC155349.D	ZB-MR-2 0.25(mm)
580-24912-14 RE	YK-SB09 D(0-1) RE	03/14/2011 08:06	1	CC155349.D	ZB-MR-1 0.25(mm)
580-24912-15 RE	YK-SB09 (4-5) RE	03/14/2011 08:20	1	CC155350.D	ZB-MR-2 0.25(mm)
580-24912-15 RE	YK-SB09 (4-5) RE	03/14/2011 08:20	1	CC155350.D	ZB-MR-1 0.25(mm)
CCV 580-82183/87		03/14/2011 08:35	1	CC155351.D	ZB-MR-2 0.25(mm)
CCV 580-82183/87		03/14/2011 08:35	1	CC155351.D	ZB-MR-1 0.25(mm)

Organic Prep Worksheet

Batch Number: 580-82185
Method: 3550B
Analyst: Muir, Michelle A

Date Open: Mar 13 2011 12:30PM
Batch End: Mar 13 2011 2:34PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	PCBLLSSpk_00020	Pest/PCB Surr_00015
580-24912-A-1	YK-MW-1 (0-1)	3550B, 8082	T	10.3276 g	10 mL		100 uL
580-24912-A-2	YK-MW-1 (4-5)	3550B, 8082	T	10.1486 g	10 mL		100 uL
580-24912-A-3	YK-MW-1 (4-5) Dup	3550B, 8082	T	9.9590 g	10 mL		100 uL
580-24912-A-4	YK-MW-2 (0-1)	3550B, 8082	T	9.9592 g	10 mL		100 uL
580-24912-A-5	YK-MW-2 (4-5)	3550B, 8082	T	10.1011 g	10 mL		100 uL
580-24912-A-6	YK-MW-3 (0-1)	3550B, 8082	T	9.7872 g	10 mL		100 uL
580-24912-A-7	YK-MW-31 (0-1)	3550B, 8082	T	10.5486 g	10 mL		100 uL
580-24912-A-8	YK-MW-3 (4-5)	3550B, 8082	T	9.9019 g	10 mL		100 uL
580-24912-A-9	YK-MW-4 (0-1)	3550B, 8082	T	10.3184 g	10 mL		100 uL
580-24912-A-10	YK-MW-4 (4-5)	3550B, 8082	T	9.7900 g	10 mL		100 uL
580-24912-A-11	YK-SB5 (0-1)	3550B, 8082	T	10.1456 g	10 mL		100 uL
580-24912-A-12	YK-SB05 (5-6)	3550B, 8082	T	9.6547 g	10 mL		100 uL
580-24912-A-13	YK-SB09 (0-1)	3550B, 8082	T	9.5434 g	10 mL		100 uL
580-24912-A-14	YK-SB09 D(0-1)	3550B, 8082	T	10.1144 g	10 mL		100 uL
580-24912-A-15	YK-SB09 (4-5)	3550B, 8082	T	10.4874 g	10 mL		100 uL
MB~580-82185/16		3550B, 8082		10 g	10 mL		100 uL
LCS~580-82185/17		3550B, 8082		10 g	10 mL	100 uL	100 uL
580-24912-A-4~MS	YK-MW-2 (0-1)	3550B, 8082	T	9.6767 g	10 mL	100 uL	100 uL
580-24912-A-4~MSD	YK-MW-2 (0-1)	3550B, 8082	T	9.6725 g	10 mL	100 uL	100 uL

Prep Solvent Volume Used:	10(verified volumetrically) mL	TBA Lot #:	n/a
Vendor of Reagent used:	JTB	Filter Paper Lot Number:	n/a
Person's name who did the concentration:	Muir, Michelle	Copper Lot #:	n/a
Person's name who witnessed reagent drop:	none	Sulfuric Acid Lot Number:	673783
Na2SO4 Lot Number:	670822	Water Bath ID:	WB1
Silica Gel Lot Number:	n/a	ID number of the thermometer:	101696187
Concentration Start Time:	n/a	Uncorrected Temperature:	19.9 - 61.7 Celsius
Concentration End Time:	n/a	Water Bath Temperature:	20.0 - 61.8 Celsius
Balance ID:	SEA218	Uncorrected N-evap Temperature:	n/a Celsius
Prep Solvent Name:	Hexane	N-evap temperature:	n/a Celsius
Prep Solvent Lot #:	674960	Clean Blank Lot #:	n/a
Exchange Solvent Name:	n/a	Clean LCS Lot #:	n/a
Exchange Solvent Lot #:	n/a		
Blank Soil Lot Number:	652162		
Florisil Lot #:	n/a		

Organic Prep Worksheet

Batch Number: 580-82185
Method: 3550B
Analyst: Muir, Michelle A

Date Open: Mar 13 2011 12:30PM
Batch End: Mar 13 2011 2:34PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
580-24912-A-1	YK-MW-1 (0-1)	3550B, 8082	T	
580-24912-A-2	YK-MW-1 (4-5)	3550B, 8082	T	
580-24912-A-3	YK-MW-1 (4-5) Dup	3550B, 8082	T	
580-24912-A-4	YK-MW-2 (0-1)	3550B, 8082	T	
580-24912-A-5	YK-MW-2 (4-5)	3550B, 8082	T	
580-24912-A-6	YK-MW-3 (0-1)	3550B, 8082	T	
580-24912-A-7	YK-MW-31 (0-1)	3550B, 8082	T	
580-24912-A-8	YK-MW-3 (4-5)	3550B, 8082	T	
580-24912-A-9	YK-MW-4 (0-1)	3550B, 8082	T	
580-24912-A-10	YK-MW-4 (4-5)	3550B, 8082	T	
580-24912-A-11	YK-SB5 (0-1)	3550B, 8082	T	
580-24912-A-12	YK-SB05 (5-6)	3550B, 8082	T	
580-24912-A-13	YK-SB09 (0-1)	3550B, 8082	T	
580-24912-A-14	YK-SB09 D(0-1)	3550B, 8082	T	
580-24912-A-15	YK-SB09 (4-5)	3550B, 8082	T	
MB~580-82185/16		3550B, 8082		
LCS~580-82185/17		3550B, 8082		
580-24912-A-4~MS	YK-MW-2 (0-1)	3550B, 8082	T	
580-24912-A-4~MSD	YK-MW-2 (0-1)	3550B, 8082	T	

Batch Comment: Method 3550B, 8082

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24912-1

SDG No.:

Project: Yakima, WA Phase II

Client Sample ID	Lab Sample ID
YK-MW-1 (0-1)	580-24912-1
YK-MW-1 (4-5)	580-24912-2
YK-MW-1 (4-5) Dup	580-24912-3
YK-MW-2 (0-1)	580-24912-4
YK-MW-2 (4-5)	580-24912-5
YK-MW-3 (0-1)	580-24912-6
YK-MW-31 (0-1)	580-24912-7
YK-MW-3 (4-5)	580-24912-8
YK-MW-4 (0-1)	580-24912-9
YK-MW-4 (4-5)	580-24912-10
YK-SB5 (0-1)	580-24912-11
YK-SB05 (5-6)	580-24912-12
YK-SB09 (0-1)	580-24912-13
YK-SB09 D(0-1)	580-24912-14
YK-SB09 (4-5)	580-24912-15

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-1 (0-1)
Lab Sample ID: 580-24912-1
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 11:00
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 78.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.8	0.49	0.36	mg/Kg			10	6020
7440-36-0	Antimony	0.071	0.20	0.0079	mg/Kg	J		10	6020
7440-39-3	Barium	130	0.20	0.012	mg/Kg			10	6020
7440-41-7	Beryllium	0.47	0.20	0.022	mg/Kg			10	6020
7440-43-9	Cadmium	0.10	0.20	0.0079	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.20	0.071	mg/Kg			10	6020
7440-50-8	Copper	18	0.20	0.097	mg/Kg			10	6020
7439-92-1	Lead	17	0.20	0.0079	mg/Kg			10	6020
7439-98-7	Molybdenum	0.42	0.40	0.018	mg/Kg		B	10	6020
7440-02-0	Nickel	7.8	0.20	0.018	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.69	0.59	mg/Kg			10	6020
7440-22-4	Silver	0.12	0.20	0.0069	mg/Kg	J		10	6020
7440-31-5	Tin	0.58	0.49	0.012	mg/Kg			10	6020
7440-66-6	Zinc	54	0.69	0.20	mg/Kg		^	10	6020
7439-97-6	Mercury	0.037	0.019	0.0059	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-1 (4-5) Lab Sample ID: 580-24912-2

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 11:05

Reporting Basis: DRY Date Received: 03/11/2011 10:10

% Solids: 71.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.1	0.60	0.44	mg/Kg			10	6020
7440-36-0	Antimony	0.16	0.24	0.0096	mg/Kg	J		10	6020
7440-39-3	Barium	130	0.24	0.014	mg/Kg			10	6020
7440-41-7	Beryllium	0.58	0.24	0.026	mg/Kg			10	6020
7440-43-9	Cadmium	0.067	0.24	0.0096	mg/Kg	J		10	6020
7440-47-3	Chromium	13	0.24	0.086	mg/Kg			10	6020
7440-50-8	Copper	23	0.24	0.12	mg/Kg			10	6020
7439-92-1	Lead	5.9	0.24	0.0096	mg/Kg			10	6020
7439-98-7	Molybdenum	0.38	0.48	0.022	mg/Kg	J	B	10	6020
7440-02-0	Nickel	9.8	0.24	0.022	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.84	0.72	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.24	0.0084	mg/Kg	J		10	6020
7440-31-5	Tin	0.72	0.60	0.014	mg/Kg			10	6020
7440-66-6	Zinc	43	0.84	0.24	mg/Kg			10	6020
7439-97-6	Mercury	0.012	0.023	0.0072	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-1 (4-5) Dup
Lab Sample ID: 580-24912-3
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 11:05
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 71.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.2	0.53	0.39	mg/Kg			10	6020
7440-36-0	Antimony	0.16	0.21	0.0085	mg/Kg	J		10	6020
7440-39-3	Barium	150	0.21	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.64	0.21	0.023	mg/Kg			10	6020
7440-43-9	Cadmium	0.065	0.21	0.0085	mg/Kg	J		10	6020
7440-47-3	Chromium	13	0.21	0.076	mg/Kg			10	6020
7440-50-8	Copper	25	0.21	0.10	mg/Kg			10	6020
7439-92-1	Lead	5.9	0.21	0.0085	mg/Kg			10	6020
7439-98-7	Molybdenum	0.37	0.42	0.019	mg/Kg	J	B	10	6020
7440-02-0	Nickel	11	0.21	0.019	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.74	0.64	mg/Kg			10	6020
7440-22-4	Silver	0.16	0.21	0.0074	mg/Kg	J		10	6020
7440-31-5	Tin	0.72	0.53	0.013	mg/Kg			10	6020
7440-66-6	Zinc	48	0.74	0.21	mg/Kg			10	6020
7439-97-6	Mercury	0.024	0.019	0.0060	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-2 (0-1)
Lab Sample ID: 580-24912-4
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 12:15
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 75.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.4	0.46	0.34	mg/Kg			10	6020
7440-36-0	Antimony	0.098	0.19	0.0074	mg/Kg	J		10	6020
7440-39-3	Barium	130	0.19	0.011	mg/Kg			10	6020
7440-41-7	Beryllium	0.43	0.19	0.020	mg/Kg			10	6020
7440-43-9	Cadmium	0.11	0.19	0.0074	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.19	0.067	mg/Kg			10	6020
7440-50-8	Copper	21	0.19	0.091	mg/Kg			10	6020
7439-92-1	Lead	11	0.19	0.0074	mg/Kg			10	6020
7439-98-7	Molybdenum	0.39	0.37	0.017	mg/Kg		B	10	6020
7440-02-0	Nickel	9.2	0.19	0.017	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.65	0.56	mg/Kg			10	6020
7440-22-4	Silver	0.17	0.19	0.0065	mg/Kg	J		10	6020
7440-31-5	Tin	0.57	0.46	0.011	mg/Kg			10	6020
7440-66-6	Zinc	46	0.65	0.19	mg/Kg			10	6020
7439-97-6	Mercury	0.015	0.016	0.0049	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-2 (4-5) Lab Sample ID: 580-24912-5

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 12:25

Reporting Basis: DRY Date Received: 03/11/2011 10:10

% Solids: 69.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.3	0.59	0.43	mg/Kg			10	6020
7440-36-0	Antimony	0.10	0.23	0.0094	mg/Kg	J		10	6020
7440-39-3	Barium	160	0.23	0.014	mg/Kg			10	6020
7440-41-7	Beryllium	0.56	0.23	0.026	mg/Kg			10	6020
7440-43-9	Cadmium	0.085	0.23	0.0094	mg/Kg	J		10	6020
7440-47-3	Chromium	14	0.23	0.085	mg/Kg			10	6020
7440-50-8	Copper	25	0.23	0.12	mg/Kg			10	6020
7439-92-1	Lead	5.6	0.23	0.0094	mg/Kg			10	6020
7439-98-7	Molybdenum	0.48	0.47	0.021	mg/Kg		B	10	6020
7440-02-0	Nickel	11	0.23	0.021	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.82	0.70	mg/Kg			10	6020
7440-22-4	Silver	0.18	0.23	0.0082	mg/Kg	J		10	6020
7440-31-5	Tin	0.67	0.59	0.014	mg/Kg			10	6020
7440-66-6	Zinc	51	0.82	0.24	mg/Kg			10	6020
7439-97-6	Mercury	0.013	0.021	0.0065	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-3 (0-1)
Lab Sample ID: 580-24912-6
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 12:50
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 74.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.1	0.46	0.34	mg/Kg			10	6020
7440-36-0	Antimony	0.095	0.18	0.0074	mg/Kg	J		10	6020
7440-39-3	Barium	120	0.18	0.011	mg/Kg			10	6020
7440-41-7	Beryllium	0.44	0.18	0.020	mg/Kg			10	6020
7440-43-9	Cadmium	0.093	0.18	0.0074	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.18	0.066	mg/Kg			10	6020
7440-50-8	Copper	19	0.18	0.090	mg/Kg			10	6020
7439-92-1	Lead	15	0.18	0.0074	mg/Kg			10	6020
7439-98-7	Molybdenum	0.39	0.37	0.017	mg/Kg		B	10	6020
7440-02-0	Nickel	8.0	0.18	0.017	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.64	0.55	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.18	0.0064	mg/Kg	J		10	6020
7440-31-5	Tin	0.55	0.46	0.011	mg/Kg			10	6020
7440-66-6	Zinc	48	0.64	0.19	mg/Kg			10	6020
7439-97-6	Mercury	0.017	0.021	0.0066	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-31 (0-1)
Lab Sample ID: 580-24912-7
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 12:50
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 77.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.0	0.50	0.37	mg/Kg			10	6020
7440-36-0	Antimony	0.10	0.20	0.0080	mg/Kg	J		10	6020
7440-39-3	Barium	130	0.20	0.012	mg/Kg			10	6020
7440-41-7	Beryllium	0.40	0.20	0.022	mg/Kg			10	6020
7440-43-9	Cadmium	0.088	0.20	0.0080	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.20	0.072	mg/Kg			10	6020
7440-50-8	Copper	19	0.20	0.097	mg/Kg			10	6020
7439-92-1	Lead	11	0.20	0.0080	mg/Kg			10	6020
7439-98-7	Molybdenum	0.38	0.40	0.018	mg/Kg	J	B	10	6020
7440-02-0	Nickel	7.8	0.20	0.018	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.70	0.60	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.20	0.0070	mg/Kg	J		10	6020
7440-31-5	Tin	0.57	0.50	0.012	mg/Kg			10	6020
7440-66-6	Zinc	50	0.70	0.20	mg/Kg			10	6020
7439-97-6	Mercury	0.22	0.016	0.0049	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-3 (4-5)
Lab Sample ID: 580-24912-8
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 13:10
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 67.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.2	0.65	0.48	mg/Kg			10	6020
7440-36-0	Antimony	0.11	0.26	0.010	mg/Kg	J		10	6020
7440-39-3	Barium	160	0.26	0.015	mg/Kg			10	6020
7440-41-7	Beryllium	0.60	0.26	0.028	mg/Kg			10	6020
7440-43-9	Cadmium	0.085	0.26	0.010	mg/Kg	J		10	6020
7440-47-3	Chromium	16	0.26	0.093	mg/Kg			10	6020
7440-50-8	Copper	29	0.26	0.13	mg/Kg			10	6020
7439-92-1	Lead	6.6	0.26	0.010	mg/Kg			10	6020
7439-98-7	Molybdenum	0.34	0.52	0.023	mg/Kg	J	B	10	6020
7440-02-0	Nickel	12	0.26	0.023	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.90	0.77	mg/Kg			10	6020
7440-22-4	Silver	0.19	0.26	0.0090	mg/Kg	J		10	6020
7440-31-5	Tin	0.76	0.65	0.015	mg/Kg			10	6020
7440-66-6	Zinc	51	0.90	0.26	mg/Kg			10	6020
7439-97-6	Mercury	0.014	0.016	0.0051	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-4 (0-1)
Lab Sample ID: 580-24912-9
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 14:15
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 80.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.1	0.56	0.41	mg/Kg			10	6020
7440-36-0	Antimony	0.096	0.22	0.0089	mg/Kg	J		10	6020
7440-39-3	Barium	120	0.22	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.54	0.22	0.024	mg/Kg			10	6020
7440-43-9	Cadmium	0.66	0.22	0.0089	mg/Kg			10	6020
7440-47-3	Chromium	18	0.22	0.080	mg/Kg			10	6020
7440-50-8	Copper	39	0.22	0.11	mg/Kg			10	6020
7439-92-1	Lead	13	0.22	0.0089	mg/Kg			10	6020
7439-98-7	Molybdenum	0.80	0.45	0.020	mg/Kg		B	10	6020
7440-02-0	Nickel	13	0.22	0.020	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.78	0.67	mg/Kg			10	6020
7440-22-4	Silver	0.17	0.22	0.0078	mg/Kg	J		10	6020
7440-31-5	Tin	0.61	0.56	0.013	mg/Kg			10	6020
7440-66-6	Zinc	74	0.78	0.22	mg/Kg			10	6020
7439-97-6	Mercury	0.024	0.017	0.0053	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-4 (4-5) Lab Sample ID: 580-24912-10

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 14:30

Reporting Basis: DRY Date Received: 03/11/2011 10:10

% Solids: 71.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.6	0.59	0.43	mg/Kg			10	6020
7440-36-0	Antimony	0.093	0.24	0.0094	mg/Kg	J		10	6020
7440-39-3	Barium	120	0.24	0.014	mg/Kg			10	6020
7440-41-7	Beryllium	0.55	0.24	0.026	mg/Kg			10	6020
7440-43-9	Cadmium	0.077	0.24	0.0094	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.24	0.085	mg/Kg			10	6020
7440-50-8	Copper	22	0.24	0.12	mg/Kg			10	6020
7439-92-1	Lead	5.2	0.24	0.0094	mg/Kg			10	6020
7439-98-7	Molybdenum	0.28	0.47	0.021	mg/Kg	J	B	10	6020
7440-02-0	Nickel	8.0	0.24	0.021	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.83	0.71	mg/Kg			10	6020
7440-22-4	Silver	0.16	0.24	0.0083	mg/Kg	J		10	6020
7440-31-5	Tin	0.62	0.59	0.014	mg/Kg			10	6020
7440-66-6	Zinc	40	0.83	0.24	mg/Kg			10	6020
7439-97-6	Mercury	0.013	0.015	0.0047	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB5 (0-1)
Lab Sample ID: 580-24912-11
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 13:40
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 77.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.5	0.43	0.32	mg/Kg			10	6020
7440-36-0	Antimony	0.067	0.17	0.0069	mg/Kg	J		10	6020
7440-39-3	Barium	120	0.17	0.010	mg/Kg			10	6020
7440-41-7	Beryllium	0.40	0.17	0.019	mg/Kg			10	6020
7440-43-9	Cadmium	0.11	0.17	0.0069	mg/Kg	J		10	6020
7440-47-3	Chromium	13	0.17	0.062	mg/Kg			10	6020
7440-50-8	Copper	21	0.17	0.085	mg/Kg			10	6020
7439-92-1	Lead	9.9	0.17	0.0069	mg/Kg			10	6020
7439-98-7	Molybdenum	0.55	0.35	0.016	mg/Kg		B	10	6020
7440-02-0	Nickel	9.4	0.17	0.016	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.61	0.52	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.17	0.0061	mg/Kg	J		10	6020
7440-31-5	Tin	0.66	0.43	0.010	mg/Kg			10	6020
7440-66-6	Zinc	50	0.61	0.17	mg/Kg			10	6020
7439-97-6	Mercury	0.034	0.020	0.0063	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB05 (5-6) Lab Sample ID: 580-24912-12

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 13:50

Reporting Basis: DRY Date Received: 03/11/2011 10:10

% Solids: 72.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.2	0.57	0.42	mg/Kg			10	6020
7440-36-0	Antimony	0.14	0.23	0.0091	mg/Kg	J		10	6020
7440-39-3	Barium	140	0.23	0.014	mg/Kg			10	6020
7440-41-7	Beryllium	0.77	0.23	0.025	mg/Kg			10	6020
7440-43-9	Cadmium	0.092	0.23	0.0091	mg/Kg	J		10	6020
7440-47-3	Chromium	20	0.23	0.081	mg/Kg			10	6020
7440-50-8	Copper	29	0.23	0.11	mg/Kg			10	6020
7439-92-1	Lead	8.1	0.23	0.0091	mg/Kg			10	6020
7439-98-7	Molybdenum	0.43	0.45	0.020	mg/Kg	J	B	10	6020
7440-02-0	Nickel	15	0.23	0.020	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.79	0.68	mg/Kg			10	6020
7440-22-4	Silver	0.16	0.23	0.0079	mg/Kg	J		10	6020
7440-31-5	Tin	0.82	0.57	0.014	mg/Kg			10	6020
7440-66-6	Zinc	59	0.79	0.23	mg/Kg			10	6020
7439-97-6	Mercury	0.017	0.022	0.0069	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB09 (0-1) Lab Sample ID: 580-24912-13

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 15:10

Reporting Basis: DRY Date Received: 03/11/2011 10:10

% Solids: 79.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.3	0.53	0.39	mg/Kg			10	6020
7440-36-0	Antimony	0.071	0.21	0.0085	mg/Kg	J		10	6020
7440-39-3	Barium	120	0.21	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.44	0.21	0.024	mg/Kg			10	6020
7440-43-9	Cadmium	0.14	0.21	0.0085	mg/Kg	J		10	6020
7440-47-3	Chromium	14	0.21	0.077	mg/Kg			10	6020
7440-50-8	Copper	24	0.21	0.10	mg/Kg			10	6020
7439-92-1	Lead	12	0.21	0.0085	mg/Kg			10	6020
7439-98-7	Molybdenum	0.43	0.43	0.019	mg/Kg		B	10	6020
7440-02-0	Nickel	10	0.21	0.019	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.75	0.64	mg/Kg			10	6020
7440-22-4	Silver	0.17	0.21	0.0075	mg/Kg	J		10	6020
7440-31-5	Tin	0.59	0.53	0.013	mg/Kg			10	6020
7440-66-6	Zinc	53	0.75	0.21	mg/Kg			10	6020
7439-97-6	Mercury	0.018	0.020	0.0064	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB09 D(0-1)
Lab Sample ID: 580-24912-14
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/10/2011 15:10
Reporting Basis: DRY
Date Received: 03/11/2011 10:10
% Solids: 80.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.0	0.58	0.43	mg/Kg			10	6020
7440-36-0	Antimony	0.061	0.23	0.0093	mg/Kg	J		10	6020
7440-39-3	Barium	110	0.23	0.014	mg/Kg			10	6020
7440-41-7	Beryllium	0.37	0.23	0.026	mg/Kg			10	6020
7440-43-9	Cadmium	0.10	0.23	0.0093	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.23	0.084	mg/Kg			10	6020
7440-50-8	Copper	21	0.23	0.11	mg/Kg			10	6020
7439-92-1	Lead	8.4	0.23	0.0093	mg/Kg			10	6020
7439-98-7	Molybdenum	0.35	0.47	0.021	mg/Kg	J	B	10	6020
7440-02-0	Nickel	8.8	0.23	0.021	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.82	0.70	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.23	0.0082	mg/Kg	J		10	6020
7440-31-5	Tin	0.49	0.58	0.014	mg/Kg	J		10	6020
7440-66-6	Zinc	47	0.82	0.23	mg/Kg			10	6020
7439-97-6	Mercury	0.011	0.018	0.0057	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB09 (4-5) Lab Sample ID: 580-24912-15

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 15:20

Reporting Basis: DRY Date Received: 03/11/2011 10:10

% Solids: 77.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.3	0.47	0.35	mg/Kg			10	6020
7440-36-0	Antimony	0.061	0.19	0.0076	mg/Kg	J		10	6020
7440-39-3	Barium	120	0.19	0.011	mg/Kg			10	6020
7440-41-7	Beryllium	0.37	0.19	0.021	mg/Kg			10	6020
7440-43-9	Cadmium	0.068	0.19	0.0076	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.19	0.068	mg/Kg			10	6020
7440-50-8	Copper	21	0.19	0.093	mg/Kg			10	6020
7439-92-1	Lead	4.5	0.19	0.0076	mg/Kg			10	6020
7439-98-7	Molybdenum	0.34	0.38	0.017	mg/Kg	J	B	10	6020
7440-02-0	Nickel	8.6	0.19	0.017	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.66	0.57	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.19	0.0066	mg/Kg	J		10	6020
7440-31-5	Tin	0.50	0.47	0.011	mg/Kg			10	6020
7440-66-6	Zinc	44	0.66	0.19	mg/Kg			10	6020
7439-97-6	Mercury	0.014	0.017	0.0054	mg/Kg	J		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00008 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00005

Analyte	ICV 580-82234/7 03/14/2011 06:14				CCV 580-82234/12 03/14/2011 06:46				CCV 580-82234/24 03/14/2011 07:48			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0397		0.0400	99	0.0496		0.0500	99	0.0501		0.0500	100
Arsenic	0.0393		0.0400	98	0.0497		0.0500	99	0.0504		0.0500	101
Barium	0.0390		0.0400	97	0.0485		0.0500	97	0.0484		0.0500	97
Beryllium	0.0410		0.0400	102	0.0486		0.0500	97	0.0470		0.0500	94
Cadmium	0.0401		0.0400	100	0.0503		0.0500	101	0.0503		0.0500	101
Chromium	0.0397		0.0400	99	0.0500		0.0500	100	0.0503		0.0500	101
Copper	0.0405		0.0400	101	0.0506		0.0500	101	0.0507		0.0500	101
Lead	0.0403		0.0400	101	0.0512		0.0500	102	0.0519		0.0500	104
Molybdenum	0.0395		0.0400	99	0.0492		0.0500	98	0.0497		0.0500	99
Nickel	0.0391		0.0400	98	0.0508		0.0500	102	0.0505		0.0500	101
Selenium	0.0403		0.0400	101	0.0502		0.0500	100	0.0508		0.0500	102
Silver	0.0405		0.0400	101	0.0503		0.0500	101	0.0502		0.0500	100
Tin	0.0396		0.0400	99	0.0500		0.0500	100	0.0495		0.0500	99
Zinc	0.0394		0.0400	99	0.0498		0.0500	100	0.0502		0.0500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00008 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00005

Analyte	CCV 580-82234/36 03/14/2011 08:49				CCV 580-82234/42 03/14/2011 09:20							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0502		0.0500	100	0.0496		0.0500	99				
Arsenic	0.0498		0.0500	100	0.0506		0.0500	101				
Barium	0.0491		0.0500	98	0.0488		0.0500	98				
Beryllium	0.0477		0.0500	95	0.0472		0.0500	94				
Cadmium	0.0503		0.0500	101	0.0497		0.0500	99				
Chromium	0.0502		0.0500	100	0.0503		0.0500	101				
Copper	0.0504		0.0500	101	0.0515		0.0500	103				
Lead	0.0524		0.0500	105	0.0518		0.0500	104				
Molybdenum	0.0492		0.0500	98	0.0482		0.0500	96				
Nickel	0.0499		0.0500	100	0.0503		0.0500	101				
Selenium	0.0508		0.0500	102	0.0506		0.0500	101				
Silver	0.0509		0.0500	102	0.0492		0.0500	98				
Tin	0.0509		0.0500	102	0.0500		0.0500	100				
Zinc	0.0492		0.0500	98	0.0499		0.0500	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

ICV Source: Hg_ICV_WORK_00007 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00006

Analyte	ICV 580-82235/7 03/14/2011 07:56				CCV 580-82235/9 03/14/2011 08:37				CCV 580-82235/21 03/14/2011 09:08			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00398		0.00400	99	0.00523		0.00500	105	0.00527		0.00500	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

ICV Source: Hg_ICV_WORK_00007 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00006

Analyte	CCV 580-82235/33 03/14/2011 09:39				CCV 580-82235/37 03/14/2011 09:49							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00530		0.00500	106	0.00528		0.00500	106				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Analysis Method: 6020 Instrument ID: SEA026

Lab Sample ID: CRI 580-82234/9 Concentration Units: mg/L

CRQL Check Standard Source: ICPMS_CAL_WOR_00005

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Arsenic	0.00200	0.00205		102	50-150
Antimony	0.00200	0.00203		102	50-150
Barium	0.00200	0.00196		98	50-150
Beryllium	0.00200	0.00200		100	50-150
Cadmium	0.00200	0.00204		102	50-150
Chromium	0.00200	0.00198		99	50-150
Copper	0.00200	0.00216		108	50-150
Lead	0.00200	0.00195		98	50-150
Molybdenum	0.00200	0.00194		97	50-150
Nickel	0.00200	0.00212		106	50-150
Selenium	0.00200	0.00212		106	50-150
Silver	0.00200	0.00206		103	50-150
Tin	0.00200	0.00209		104	50-150
Zinc	0.00200	ND		79	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-82234/8 03/14/2011 06:19		CCB 580-82234/13 03/14/2011 06:51		CCB 580-82234/25 03/14/2011 07:53		CCB 580-82234/37 03/14/2011 08:55	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND		ND		ND		ND	
Arsenic	0.00040	ND		ND		ND		ND	
Barium	0.00040	ND		ND		ND		ND	
Beryllium	0.00040	ND		ND		ND		ND	
Cadmium	0.00040	ND		ND		ND		ND	
Chromium	0.00040	ND		ND		ND		ND	
Copper	0.0010	ND		ND		ND		ND	
Lead	0.00040	ND		ND		ND		ND	
Molybdenum	0.00040	ND		ND		ND		ND	
Nickel	0.00040	ND		ND		ND		ND	
Selenium	0.00040	ND		ND		ND		ND	
Silver	0.00040	ND		ND		ND		ND	
Tin	0.0010	ND		ND		ND		ND	
Zinc	0.0010	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 580-82234/43 03/14/2011 09:26							
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND							
Arsenic	0.00040	ND							
Barium	0.00040	ND							
Beryllium	0.00040	ND							
Cadmium	0.00040	ND							
Chromium	0.00040	ND							
Copper	0.0010	ND							
Lead	0.00040	ND							
Molybdenum	0.00040	ND							
Nickel	0.00040	ND							
Selenium	0.00040	ND							
Silver	0.00040	ND							
Tin	0.0010	ND							
Zinc	0.0010	ND							

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-82235/8 03/14/2011 07:59		CCB 580-82235/10 03/14/2011 08:39		CCB 580-82235/22 03/14/2011 09:10		CCB 580-82235/34 03/14/2011 09:41	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 580-82235/38 03/14/2011 09:52							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	ND							

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 580-82127/19-A

Instrument Code: SEA026 Batch No.: 82234

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	ND			6020
7440-36-0	Antimony	ND			6020
7440-39-3	Barium	ND			6020
7440-41-7	Beryllium	ND			6020
7440-43-9	Cadmium	ND			6020
7440-47-3	Chromium	ND			6020
7440-50-8	Copper	ND			6020
7439-92-1	Lead	ND			6020
7439-98-7	Molybdenum	0.0580	J		6020
7440-02-0	Nickel	ND			6020
7782-49-2	Selenium	ND			6020
7440-22-4	Silver	ND			6020
7440-31-5	Tin	ND			6020
7440-66-6	Zinc	ND			6020

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 580-82132/19-A

Instrument Code: TAC103 Batch No.: 82235

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	ND			7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICSA 580-82234/10 Instrument ID: SEA026

Lab File ID: 82127-ICPMS.rep ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**0.0001**	
Arsenic		**0.0000**	
Barium		**0.0002**	
Beryllium		**0.0000**	
Cadmium		**0.0006**	
Chromium		**0.0011**	
Copper		**0.0009**	
Lead		**0.0000**	
Molybdenum	**0.400**	**0.388**	**97**
Nickel		**0.0011**	
Selenium		**-0.0003**	
Silver		**0.0000**	
Tin		**0.0001**	
Zinc		**-0.0001**	
Aluminum	*20.0*	*19.0*	*95*
Calcium	*60.0*	*56.2*	*94*
Cobalt		*0.0001*	
Iron	*50.0*	*48.6*	*97*
Magnesium	*20.0*	*19.9*	*99*
Manganese		*0.0002*	
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.2*	*96*
Potassium	*20.0*	*20.0*	*100*
Sodium	*50.0*	*50.8*	*102*
Strontium		*0.0027*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.339*	*85*
Uranium		*0.0000*	
Vanadium		*0.0005*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICSAB 580-82234/11 Instrument ID: SEA026

Lab File ID: 82127-ICPMS.rep ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0201**	**101**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0194**	**97**
Chromium	**0.0400**	**0.0406**	**101**
Copper	**0.0400**	**0.0393**	**98**
Lead		**0.0001**	
Molybdenum	**0.400**	**0.388**	**97**
Nickel	**0.0400**	**0.0389**	**97**
Selenium	**0.0200**	**0.0196**	**98**
Silver	**0.0100**	**0.0093**	**93**
Tin		**0.0001**	
Zinc	**0.0200**	**0.0192**	**96**
Aluminum	*20.0*	*19.0*	*95*
Calcium	*60.0*	*55.6*	*93*
Cobalt	*0.0400*	*0.0408*	*102*
Iron	*50.0*	*47.9*	*96*
Magnesium	*20.0*	*19.8*	*99*
Manganese	*0.0400*	*0.0391*	*98*
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.1*	*96*
Potassium	*20.0*	*19.6*	*98*
Sodium	*50.0*	*50.6*	*101*
Strontium		*0.0026*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.340*	*85*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0408*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Lab Sample ID: ICSAB 580-82234/11 Instrument ID: SEA026

Lab File ID: 82127-ICPMS.rep ICS Source: ICPMS-ICSB_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0201**	**101**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0194**	**97**
Chromium	**0.0400**	**0.0406**	**101**
Copper	**0.0400**	**0.0393**	**98**
Lead		**0.0001**	
Molybdenum	**0.400**	**0.388**	**97**
Nickel	**0.0400**	**0.0389**	**97**
Selenium	**0.0200**	**0.0196**	**98**
Silver	**0.0100**	**0.0093**	**93**
Tin		**0.0001**	
Zinc	**0.0200**	**0.0192**	**96**
Aluminum	*20.0*	*19.0*	*95*
Calcium	*60.0*	*55.6*	*93*
Cobalt	*0.0400*	*0.0408*	*102*
Iron	*50.0*	*47.9*	*96*
Magnesium	*20.0*	*19.8*	*99*
Manganese	*0.0400*	*0.0391*	*98*
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.1*	*96*
Potassium	*20.0*	*19.6*	*98*
Sodium	*50.0*	*50.6*	*101*
Strontium		*0.0026*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.340*	*85*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0408*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: YK-MW-1 (0-1) MS
Lab ID: 580-24912-1 MS
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 78.3

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	191		2.8		201	93	80-120		6020
Antimony	91.2		0.071	J	151	60	80-120	F	6020
Barium	284		130		201	78	80-120	F	6020
Beryllium	4.82		0.47		5.02	86	80-120		6020
Cadmium	4.44		0.10	J	5.02	86	80-120		6020
Chromium	28.4		11		20.1	87	80-120		6020
Copper	41.9		18		25.1	94	80-120		6020
Lead	65.0		17		50.2	95	80-120		6020
Molybdenum	217		0.42		251	86	80-120		6020
Nickel	54.2		7.8		50.2	92	80-120		6020
Selenium	194		ND		201	97	80-120		6020
Silver	27.0		0.12	J	30.1	89	80-120		6020
Tin	219		0.58		251	87	80-120		6020
Zinc	97.7		54		50.2	86	80-120		6020
Mercury	0.187		0.037		0.179	84	80-120		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: YK-MW-1 (0-1) MSD
Lab ID: 580-24912-1 MSD
Lab Name: TestAmerica Seattle
Job No.: 580-24912-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 78.3

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	212		215	97	80-120	11	20		6020
Antimony	106		161	66	80-120	16	20	F	6020
Barium	318		215	89	80-120	12	20		6020
Beryllium	5.58		5.38	95	80-120	15	20		6020
Cadmium	5.19		5.38	94	80-120	16	20		6020
Chromium	32.0		21.5	98	80-120	12	20		6020
Copper	46.1		26.9	103	80-120	9	20		6020
Lead	72.1		53.8	102	80-120	10	20		6020
Molybdenum	246		269	91	80-120	12	20		6020
Nickel	60.2		53.8	97	80-120	10	20		6020
Selenium	213		215	99	80-120	10	20		6020
Silver	30.2		32.3	93	80-120	11	20		6020
Tin	245		269	91	80-120	11	20		6020
Zinc	109		53.8	101	80-120	10	20		6020
Mercury	0.197		0.191	84	80-120	5	20		7471A

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: YK-MW-1 (0-1) PDS Lab ID: 580-24912-1 PDS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	203		2.8		198	101	75-125		6020
Antimony	101		0.071	J	148	68	75-125	W	6020
Barium	300		130		198	88	75-125		6020
Beryllium	5.04		0.47		4.94	92	75-125		6020
Cadmium	4.74		0.10	J	4.94	94	75-125		6020
Chromium	29.7		11		19.8	94	75-125		6020
Copper	44.5		18		24.7	106	75-125		6020
Lead	67.4		17		49.4	101	75-125		6020
Molybdenum	227		0.42		247	92	75-125		6020
Nickel	56.4		7.8		49.4	98	75-125		6020
Selenium	203		ND		198	103	75-125		6020
Silver	28.3		0.12	J	29.7	95	75-125		6020
Tin	231		0.58		247	93	75-125		6020
Zinc	103		54		49.4	99	75-125		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: YK-MW-1 (0-1) DU | Lab ID: 580-24912-1 DU

Lab Name: TestAmerica Seattle | Job No.: 580-24912-1

SDG No.:

% Solids for Sample: 78.3 | % Solids for Duplicate: 78.3

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Arsenic	0.59	2.8		3.54		23	F	6020
Antimony	0.24	0.071	J	0.0868	J	20		6020
Barium	0.24	130		155		20		6020
Beryllium	0.24	0.47		0.512		8		6020
Cadmium	0.24	0.10	J	0.146	J	34		6020
Chromium	0.24	11		13.8		23	F	6020
Copper	0.24	18		23.2		23	F	6020
Lead	0.24	17		21.8		22	F	6020
Molybdenum	0.47	0.42		0.529		23		6020
Nickel	0.24	7.8		9.80		23	F	6020
Selenium	0.83	ND		ND		NC		6020
Silver	0.24	0.12	J	0.164	J	28		6020
Tin	0.59	0.58		0.724		22		6020
Zinc	0.83	54		67.2		21	F	6020
Mercury	0.020	0.037		0.0482		26		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82127/20-A

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

Sample Matrix: Solid LCS Source: m-GPS-1_00020

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	200	199		99	80	120		6020
Antimony	150	136		91	80	120		6020
Barium	200	179		90	80	120		6020
Beryllium	5.00	4.54		91	80	120		6020
Cadmium	5.00	4.81		96	80	120		6020
Chromium	20.0	19.1		95	80	120		6020
Copper	25.0	25.8		103	80	120		6020
Lead	50.0	51.7		103	80	120		6020
Molybdenum	250	226		90	80	120		6020
Nickel	50.0	49.2		98	80	120		6020
Selenium	200	204		102	80	120		6020
Silver	30.0	28.6		95	80	120		6020
Tin	250	231		92	80	120		6020
Zinc	50.0	47.6		95	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82127/21-A

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

Sample Matrix: Solid LCS Source: m-GPS-1_00020

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	201		200	100	80-120	1	20		6020
Antimony	133		150	89	80-120	2	20		6020
Barium	175		200	87	80-120	3	20		6020
Beryllium	4.58		5.00	92	80-120	1	20		6020
Cadmium	4.66		5.00	93	80-120	3	20		6020
Chromium	19.3		20.0	96	80-120	1	20		6020
Copper	26.2		25.0	105	80-120	1	20		6020
Lead	52.0		50.0	104	80-120	1	20		6020
Molybdenum	221		250	88	80-120	2	20		6020
Nickel	50.6		50.0	101	80-120	3	20		6020
Selenium	204		200	102	80-120	0	20		6020
Silver	28.4		30.0	95	80-120	1	20		6020
Tin	224		250	90	80-120	3	20		6020
Zinc	48.2		50.0	96	80-120	1	20		6020

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82127/22-A

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

Sample Matrix: Solid LCS Source: SRMsolid_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	109	111		102	71.1	128.9		6020
Antimony	121	198		164	21.0	251.6		6020
Barium	325	282		87	74.7	125.5		6020
Beryllium	92.1	78.4		85	75.3	124.7		6020
Cadmium	110	102		93	73.2	126.8		6020
Chromium	93.4	94.0		101	69.9	129.8		6020
Copper	84.7	74.9		88	73.2	126.8		6020
Lead	152	161		106	75.3	125.1		6020
Molybdenum	82.5	83.5		101	70.1	131.8		6020
Nickel	109	112		102	73.8	126.7		6020
Selenium	207	215		104	67.1	132.7		6020
Silver	51.9	47.4		91	65.6	134.4		6020
Tin	135	126		93	60.4	139.6		6020
Zinc	299	299		100	72.2	127.8		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82132/20-A

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

Sample Matrix: Solid LCS Source: Hg_CAL_WORK_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.167	0.168		101	80	120		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82132/21-A

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

Sample Matrix: Solid LCS Source: Hg_CAL_WORK_00006

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.168		0.167	101	80-120	0	20		7471A

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82132/22-A

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

Sample Matrix: Solid LCS Source: SRMsolid_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	16.3	15.9		97	51.1	148.9		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 580-24912-1

SDG No:

Lab Name: TestAmerica Seattle Job No: 580-24912-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Arsenic	2.8		2.76		NC		6020
Antimony	0.071	J	0.0692	J	NC		6020
Barium	130		124		2.8		6020
Beryllium	0.47		0.423	J	NC		6020
Cadmium	0.10	J	0.0742	J	NC		6020
Chromium	11		10.4		5.3		6020
Copper	18		19.6		6.5		6020
Lead	17		17.7		1.0		6020
Molybdenum	0.42		0.531	J	NC		6020
Nickel	7.8		8.08		3.6		6020
Selenium	ND		ND		NC		6020
Silver	0.12	J	0.0989	J	NC		6020
Tin	0.58		0.519	J	NC		6020
Zinc	54		56.0		3.1		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24912-1

SDG Number:

Matrix: Solid Instrument ID: SEA026

Analysis Method: 6020 MDL Date: 11/02/2010 09:24

Prep Method: 3050B

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Antimony		0.2	0.008
Arsenic		0.5	0.368
Barium		0.2	0.012
Beryllium		0.2	0.022
Cadmium		0.2	0.008
Chromium		0.2	0.072
Copper		0.2	0.098
Lead		0.2	0.008
Molybdenum		0.4	0.018
Nickel		0.2	0.018
Selenium		0.7	0.6
Silver		0.2	0.007
Tin		0.5	0.012
Zinc		0.7	0.201

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24912-1

SDG Number:

Matrix: Solid Instrument ID: SEA026

Analysis Method: 6020 XMDL Date: 10/02/2008 10:31

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Antimony		0.0004	0.0004
Arsenic		0.0004	0.00024
Barium		0.0004	0.00027
Beryllium		0.0004	0.00026
Cadmium		0.0004	0.00014
Chromium		0.0004	0.00037
Copper		0.001	0.00015
Lead		0.0004	0.00017
Molybdenum		0.0004	0.00049
Nickel		0.0004	0.00022
Selenium		0.0004	0.00034
Silver		0.0004	0.00015
Tin		0.001	0.00089
Zinc		0.001	0.002

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24912-1

SDG Number:

Matrix: Solid Instrument ID: TAC103

Analysis Method: 7471A MDL Date: 10/26/2010 05:39

Prep Method: 7471A

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.02	0.0063

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24912-1

SDG Number:

Matrix: Solid Instrument ID: TAC103

Analysis Method: 7471A XMDL Date: 10/02/2008 10:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (ug/L)
Mercury		0.0002	0.000041

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Seattle Job No: 580-24912-1

SDG No.:

Instrument ID: SEA026 Date: 03/01/2010 06:52

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Arsenic		4	6020
Antimony		4	6020
Barium		4	6020
Beryllium		4	6020
Cadmium		4	6020
Chromium		4	6020
Copper		4	6020
Lead		4	6020
Molybdenum		4	6020
Nickel		4	6020
Selenium		4	6020
Silver		4	6020
Tin		4	6020
Zinc		4	6020

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Preparation Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
580-24912-1	03/11/2011 13:14	82127	1.2912		50
580-24912-1 DU	03/11/2011 13:14	82127	1.0806		50
580-24912-1 MS	03/11/2011 13:14	82127	1.2703		50
580-24912-1 MSD	03/11/2011 13:14	82127	1.1863		50
580-24912-2	03/11/2011 13:14	82127	1.1633		50
580-24912-3	03/11/2011 13:14	82127	1.3195		50
580-24912-4	03/11/2011 13:14	82127	1.4178		50
580-24912-5	03/11/2011 13:14	82127	1.2272		50
580-24912-6	03/11/2011 13:14	82127	1.4591		50
580-24912-7	03/11/2011 13:14	82127	1.3009		50
580-24912-8	03/11/2011 13:14	82127	1.1401		50
580-24912-9	03/11/2011 13:14	82127	1.1197		50
580-24912-10	03/11/2011 13:14	82127	1.1937		50
580-24912-11	03/11/2011 13:14	82127	1.4841		50
580-24912-12	03/11/2011 13:14	82127	1.2123		50
580-24912-13	03/11/2011 13:14	82127	1.1732		50
580-24912-14	03/11/2011 13:14	82127	1.0694		50
580-24912-15	03/11/2011 13:14	82127	1.3690		50
MB 580-82127/19-A	03/11/2011 13:14	82127	1.0		50
LCS 580-82127/20-A	03/11/2011 13:14	82127	1.0		50
LCSD 580-82127/21-A	03/11/2011 13:14	82127	1.0		50
LCSSRM 580-82127/22-A	03/11/2011 13:14	82127	0.5048		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Preparation Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
580-24912-1	03/11/2011 13:59	82132	0.6847		50
580-24912-1 DU	03/11/2011 13:59	82132	0.6517		50
580-24912-1 MS	03/11/2011 13:59	82132	0.7144		50
580-24912-1 MSD	03/11/2011 13:59	82132	0.6683		50
580-24912-2	03/11/2011 13:59	82132	0.6141		50
580-24912-3	03/11/2011 13:59	82132	0.7301		50
580-24912-4	03/11/2011 13:59	82132	0.8473		50
580-24912-5	03/11/2011 13:59	82132	0.6962		50
580-24912-6	03/11/2011 13:59	82132	0.6379		50
580-24912-7	03/11/2011 13:59	82132	0.8330		50
580-24912-8	03/11/2011 13:59	82132	0.9005		50
580-24912-9	03/11/2011 13:59	82132	0.7339		50
580-24912-10	03/11/2011 13:59	82132	0.9364		50
580-24912-11	03/11/2011 13:59	82132	0.6396		50
580-24912-12	03/11/2011 13:59	82132	0.6309		50
580-24912-13	03/11/2011 13:59	82132	0.6130		50
580-24912-14	03/11/2011 13:59	82132	0.6839		50
580-24912-15	03/11/2011 13:59	82132	0.7515		50
MB 580-82132/19-A	03/11/2011 13:59	82132	0.6		50
LCS 580-82132/20-A	03/11/2011 13:59	82132	0.6		50
LCSD 580-82132/21-A	03/11/2011 13:59	82132	0.6		50
LCSSRM 580-82132/22-A	03/11/2011 13:59	82132	0.1005		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 03/14/2011 05:49 End Date: 03/14/2011 12:20

Lab Sample ID	D/F	Type	Time	Analytes																		
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
STD0 580-82234/1 IC	1		05:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD1 580-82234/2 IC	1		05:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD2 580-82234/3 IC	1		05:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD3 580-82234/4 IC	1		06:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD4 580-82234/5 IC	1		06:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD5 580-82234/6 IC	1		06:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICV 580-82234/7	1		06:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICB 580-82234/8	1		06:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CRI 580-82234/9	1		06:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSA 580-82234/10	1		06:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSAB 580-82234/11	1		06:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82234/12	1		06:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82234/13	1		06:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
MB 580-82127/19-A	10	T	06:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-1 SD	50	T	07:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-1	10	T	07:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-1 DU	10	T	07:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-1 MS	50	T	07:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-1 MSD	50	T	07:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-1 PDS	50	T	07:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCS 580-82127/20-A	50	T	07:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSD 580-82127/21-A	50	T	07:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSSRM 580-82127/22-A	20	T	07:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82234/24	1		07:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82234/25	1		07:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-2	10	T	07:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-3	10	T	08:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-4	10	T	08:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-5	10	T	08:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-6	10	T	08:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-7	10	T	08:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-8	10	T	08:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-9	10	T	08:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-10	10	T	08:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-11	10	T	08:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82234/36	1		08:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82234/37	1		08:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-12	10	T	09:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-13	10	T	09:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-14	10	T	09:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24912-15	10	T	09:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82234/42	1		09:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X						

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 03/14/2011 05:49 End Date: 03/14/2011 12:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
CCB 580-82234/43	1		09:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			09:31																				
ZZZZZZ			09:36																				
ZZZZZZ			09:41																				
ZZZZZZ			09:46																				
ZZZZZZ			09:51																				
ZZZZZZ			09:56																				
ZZZZZZ			10:01																				
ZZZZZZ			10:06																				
ZZZZZZ			10:12																				
ZZZZZZ			10:17																				
CCV 580-82234/54			10:22																				
CCB 580-82234/55			10:27																				
ZZZZZZ			10:32																				
ZZZZZZ			10:38																				
ZZZZZZ			10:43																				
ZZZZZZ			10:48																				
ZZZZZZ			10:53																				
ZZZZZZ			10:58																				
ZZZZZZ			11:03																				
ZZZZZZ			11:08																				
ZZZZZZ			11:13																				
ZZZZZZ			11:18																				
CCV 580-82234/66			11:23																				
CCB 580-82234/67			11:29																				
ZZZZZZ			11:34																				
ZZZZZZ			11:39																				
ZZZZZZ			11:44																				
ZZZZZZ			11:49																				
ZZZZZZ			11:54																				
ZZZZZZ			12:00																				
ZZZZZZ			12:05																				
ZZZZZZ			12:10																				
CCV 580-82234/76			12:15																				
CCB 580-82234/77			12:20																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC103 Method: 7471A

Start Date: 03/14/2011 07:41 End Date: 03/14/2011 12:38

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
STD0 580-82235/1 IC			07:41	X																			
STD1 580-82235/2 IC			07:43	X																			
STD2 580-82235/3 IC			07:46	X																			
STD3 580-82235/4 IC			07:49	X																			
STD4 580-82235/5 IC			07:51	X																			
STD5 580-82235/6 IC			07:54	X																			
ICV 580-82235/7	1		07:56	X																			
ICB 580-82235/8	1		07:59	X																			
CCV 580-82235/9	1		08:37	X																			
CCB 580-82235/10	1		08:39	X																			
MB 580-82132/19-A	1	T	08:42	X																			
LCS 580-82132/20-A	1	T	08:44	X																			
LCSD 580-82132/21-A	1	T	08:47	X																			
LCSSRM 580-82132/22-A	10	T	08:50	X																			
580-24912-1	1	T	08:52	X																			
580-24912-1 DU	1	T	08:55	X																			
580-24912-1 MS	1	T	08:57	X																			
580-24912-1 MSD	1	T	09:00	X																			
580-24912-2	1	T	09:03	X																			
580-24912-3	1	T	09:05	X																			
CCV 580-82235/21	1		09:08	X																			
CCB 580-82235/22	1		09:10	X																			
580-24912-4	1	T	09:13	X																			
580-24912-5	1	T	09:16	X																			
580-24912-6	1	T	09:18	X																			
580-24912-7	1	T	09:21	X																			
580-24912-8	1	T	09:23	X																			
580-24912-9	1	T	09:26	X																			
580-24912-10	1	T	09:28	X																			
580-24912-11	1	T	09:31	X																			
580-24912-12	1	T	09:34	X																			
580-24912-13	1	T	09:36	X																			
CCV 580-82235/33	1		09:39	X																			
CCB 580-82235/34	1		09:41	X																			
580-24912-14	1	T	09:44	X																			
580-24912-15	1	T	09:47	X																			
CCV 580-82235/37	1		09:49	X																			
CCB 580-82235/38	1		09:52	X																			
ZZZZZZ			09:54																				
ZZZZZZ			09:57																				
ZZZZZZ			10:00																				
ZZZZZZ			10:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC103 Method: 7471A

Start Date: 03/14/2011 07:41 End Date: 03/14/2011 12:38

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			10:05																				
ZZZZZZ			10:07																				
ZZZZZZ			10:10																				
ZZZZZZ			10:13																				
ZZZZZZ			10:15																				
ZZZZZZ			10:18																				
CCV 580-82235/49			10:20																				
CCB 580-82235/50			10:23																				
ZZZZZZ			10:25																				
ZZZZZZ			10:28																				
ZZZZZZ			10:31																				
ZZZZZZ			10:33																				
ZZZZZZ			10:36																				
ZZZZZZ			10:38																				
ZZZZZZ			10:41																				
ZZZZZZ			10:44																				
ZZZZZZ			10:46																				
ZZZZZZ			10:49																				
CCV 580-82235/61			10:51																				
CCB 580-82235/62			10:54																				
ZZZZZZ			10:57																				
ZZZZZZ			10:59																				
ZZZZZZ			11:02																				
ZZZZZZ			11:04																				
ZZZZZZ			11:07																				
ZZZZZZ			11:10																				
CCV 580-82235/69			11:12																				
CCB 580-82235/70			11:15																				
ZZZZZZ			11:17																				
ZZZZZZ			11:20																				
ZZZZZZ			11:22																				
ZZZZZZ			11:25																				
ZZZZZZ			11:28																				
ZZZZZZ			11:30																				
ZZZZZZ			11:33																				
ZZZZZZ			11:35																				
ZZZZZZ			11:38																				
ZZZZZZ			11:41																				
CCV 580-82235/81			11:43																				
CCB 580-82235/82			11:46																				
ZZZZZZ			11:48																				
ZZZZZZ			11:51																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: TAC103 Method: 7471A

Start Date: 03/14/2011 07:41 End Date: 03/14/2011 12:38

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			11:54																				
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:01																				
ZZZZZZ			12:04																				
ZZZZZZ			12:07																				
ZZZZZZ			12:09																				
ZZZZZZ			12:12																				
CCV 580-82235/93			12:14																				
CCB 580-82235/94			12:17																				
ZZZZZZ			12:20																				
ZZZZZZ			12:22																				
ZZZZZZ			12:25																				
ZZZZZZ			12:27																				
ZZZZZZ			12:30																				
ZZZZZZ			12:33																				
CCV 580-82235/101			12:35																				
CCB 580-82235/102			12:38																				

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

ICP-MS Instrument ID: SEA026 Start Date: 03/14/2011 End Date: 03/14/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element Rh	Q	Element Lu	Q
STD0 580-82234/1 IC	05:49										
STD1 580-82234/2 IC	05:53										
STD2 580-82234/3 IC	05:57										
STD3 580-82234/4 IC	06:01										
STD4 580-82234/5 IC	06:05										
STD5 580-82234/6 IC	06:09										
ICV 580-82234/7	06:14										
ICB 580-82234/8	06:19										
CRI 580-82234/9	06:25										
ICSA 580-82234/10	06:30										
ICSAB 580-82234/11	06:36										
CCV 580-82234/12	06:46										
CCB 580-82234/13	06:51										
MB 580-82127/19-A	06:56										
580-24912-1 SD	07:01										
580-24912-1	07:07										
580-24912-1 DU	07:12										
580-24912-1 MS	07:17										
580-24912-1 MSD	07:22										
580-24912-1 PDS	07:27										
LCS 580-82127/20-A	07:32										
LCSD 580-82127/21-A	07:37										
LCSSRM	07:43										
CCV 580-82234/24	07:48										
CCB 580-82234/25	07:53										
580-24912-2	07:58										
580-24912-3	08:03										
580-24912-4	08:08										
580-24912-5	08:13										
580-24912-6	08:19										
580-24912-7	08:24										
580-24912-8	08:29										
580-24912-9	08:34										
580-24912-10	08:39										
580-24912-11	08:44										
CCV 580-82234/36	08:49										
CCB 580-82234/37	08:55										
580-24912-12	09:00										
580-24912-13	09:05										
580-24912-14	09:10										
580-24912-15	09:15										
CCV 580-82234/42	09:20										

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

METALS

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

ICP-MS Instrument ID: SEA026 Start Date: 03/14/2011 End Date: 03/14/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element Rh	Q	Element Lu	Q
CCB 580-82234/43	09:26										

Metals Worksheet

Batch Number: 580-82127
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 11 2011 1:14PM
Batch End: Mar 11 2011 2:55PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	m-GPS-1_00020	m-GPS-2_00017	m-GPS-3_00017	m-GPS-4_00019
580-24912-A-1	YK-MW-1 (0-1)	3050B, 6020	T	1.2912 g	50 mL				
580-24912-A-1~DU	YK-MW-1 (0-1)	3050B, 6020	T	1.0806 g	50 mL				
580-24912-A-1~MS	YK-MW-1 (0-1)	3050B, 6020	T	1.2703 g	50 mL	1 mL	1 mL	1 mL	1 mL
580-24912-A-1~MSD	YK-MW-1 (0-1)	3050B, 6020	T	1.1863 g	50 mL	1 mL	1 mL	1 mL	1 mL
580-24912-A-2	YK-MW-1 (4-5)	3050B, 6020	T	1.1633 g	50 mL				
580-24912-A-3	YK-MW-1 (4-5) Dup	3050B, 6020	T	1.3195 g	50 mL				
580-24912-A-4	YK-MW-2 (0-1)	3050B, 6020	T	1.4178 g	50 mL				
580-24912-A-5	YK-MW-2 (4-5)	3050B, 6020	T	1.2272 g	50 mL				
580-24912-A-6	YK-MW-3 (0-1)	3050B, 6020	T	1.4591 g	50 mL				
580-24912-A-7	YK-MW-31 (0-1)	3050B, 6020	T	1.3009 g	50 mL				
580-24912-A-8	YK-MW-3 (4-5)	3050B, 6020	T	1.1401 g	50 mL				
580-24912-A-9	YK-MW-4 (0-1)	3050B, 6020	T	1.1197 g	50 mL				
580-24912-A-10	YK-MW-4 (4-5)	3050B, 6020	T	1.1937 g	50 mL				
580-24912-A-11	YK-SB5 (0-1)	3050B, 6020	T	1.4841 g	50 mL				
580-24912-A-12	YK-SB05 (5-6)	3050B, 6020	T	1.2123 g	50 mL				
580-24912-A-13	YK-SB09 (0-1)	3050B, 6020	T	1.1732 g	50 mL				
580-24912-A-14	YK-SB09 D(0-1)	3050B, 6020	T	1.0694 g	50 mL				
580-24912-A-15	YK-SB09 (4-5)	3050B, 6020	T	1.3690 g	50 mL				
MB~580-82127/19		3050B, 6020		1.0 g	50 mL				
LCS~580-82127/20		3050B, 6020		1.0 g	50 mL	1 mL	1 mL	1 mL	1 mL
LCSD~580-82127/21		3050B, 6020		1.0 g	50 mL	1 mL	1 mL	1 mL	1 mL
LCSSRM~580-82127/22		3050B, 6020		0.5048 g	50 mL				

Metals Worksheet

Batch Number: 580-82127
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 11 2011 1:14PM
Batch End: Mar 11 2011 2:55PM

Lab ID	Client ID	Method Chain	Basis	MS-HgSpk_00010	SRMsolid_00006
580-24912-A-1	YK-MW-1 (0-1)	3050B, 6020	T		
580-24912-A-1~DU	YK-MW-1 (0-1)	3050B, 6020	T		
580-24912-A-1~MS	YK-MW-1 (0-1)	3050B, 6020	T	1 mL	
580-24912-A-1~MSD	YK-MW-1 (0-1)	3050B, 6020	T	1 mL	
580-24912-A-2	YK-MW-1 (4-5)	3050B, 6020	T		
580-24912-A-3	YK-MW-1 (4-5) Dup	3050B, 6020	T		
580-24912-A-4	YK-MW-2 (0-1)	3050B, 6020	T		
580-24912-A-5	YK-MW-2 (4-5)	3050B, 6020	T		
580-24912-A-6	YK-MW-3 (0-1)	3050B, 6020	T		
580-24912-A-7	YK-MW-31 (0-1)	3050B, 6020	T		
580-24912-A-8	YK-MW-3 (4-5)	3050B, 6020	T		
580-24912-A-9	YK-MW-4 (0-1)	3050B, 6020	T		
580-24912-A-10	YK-MW-4 (4-5)	3050B, 6020	T		
580-24912-A-11	YK-SB5 (0-1)	3050B, 6020	T		
580-24912-A-12	YK-SB05 (5-6)	3050B, 6020	T		
580-24912-A-13	YK-SB09 (0-1)	3050B, 6020	T		
580-24912-A-14	YK-SB09 D(0-1)	3050B, 6020	T		
580-24912-A-15	YK-SB09 (4-5)	3050B, 6020	T		
MB~580-82127/19		3050B, 6020			
LCS~580-82127/20		3050B, 6020		1 mL	
LCSD~580-82127/21		3050B, 6020		1 mL	
LCSSRM~580-82127/22		3050B, 6020			0.5048 g

Digestion Tube/Cup Lot #: 660786
Balance ID: SEA204
Hood ID or number: 06
Hot Block ID number: 38008
Lot # of hydrochloric acid: 659246
Lot # of Nitric Acid: 657999
Logbook ID for diluted Nitric: 677829
Hydrogen peroxide lot number: 609987
ID number of the thermometer: 15-041-1A-A
Temperature: 94 CORRECTED-TEMP Degrees C
Pipette ID: 20051014
Uncorrected Temperature: 95 Celsius

Metals Worksheet

Batch Number: 580-82132
Method: 7471A
Analyst: Boardway, Peter A

Date Open: Mar 14 2011 6:05AM
Batch End: Mar 14 2011 7:05AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Hg_CAL_WORK_00006	SRMsolid_00006
580-24912-A-1	YK-MW-1 (0-1)	7471A, 7471A	T	0.6847 g	50 mL		
580-24912-A-1~DU	YK-MW-1 (0-1)	7471A, 7471A	T	0.6517 g	50 mL		
580-24912-A-1~MS	YK-MW-1 (0-1)	7471A, 7471A	T	0.7144 g	50 mL	1 mL	
580-24912-A-1~MSD	YK-MW-1 (0-1)	7471A, 7471A	T	0.6683 g	50 mL	1 mL	
580-24912-A-2	YK-MW-1 (4-5)	7471A, 7471A	T	0.6141 g	50 mL		
580-24912-A-3	YK-MW-1 (4-5) Dup	7471A, 7471A	T	0.7301 g	50 mL		
580-24912-A-4	YK-MW-2 (0-1)	7471A, 7471A	T	0.8473 g	50 mL		
580-24912-A-5	YK-MW-2 (4-5)	7471A, 7471A	T	0.6962 g	50 mL		
580-24912-A-6	YK-MW-3 (0-1)	7471A, 7471A	T	0.6379 g	50 mL		
580-24912-A-7	YK-MW-31 (0-1)	7471A, 7471A	T	0.8330 g	50 mL		
580-24912-A-8	YK-MW-3 (4-5)	7471A, 7471A	T	0.9005 g	50 mL		
580-24912-A-9	YK-MW-4 (0-1)	7471A, 7471A	T	0.7339 g	50 mL		
580-24912-A-10	YK-MW-4 (4-5)	7471A, 7471A	T	0.9364 g	50 mL		
580-24912-A-11	YK-SB5 (0-1)	7471A, 7471A	T	0.6396 g	50 mL		
580-24912-A-12	YK-SB05 (5-6)	7471A, 7471A	T	0.6309 g	50 mL		
580-24912-A-13	YK-SB09 (0-1)	7471A, 7471A	T	0.6130 g	50 mL		
580-24912-A-14	YK-SB09 D(0-1)	7471A, 7471A	T	0.6839 g	50 mL		
580-24912-A-15	YK-SB09 (4-5)	7471A, 7471A	T	0.7515 g	50 mL		
MB~580-82132/19		7471A, 7471A		0.6 g	50 mL		
LCS~580-82132/20		7471A, 7471A		0.6 g	50 mL	1 mL	
LCSD~580-82132/21		7471A, 7471A		0.6 g	50 mL	1 mL	
LCSSRM~580-82132/22		7471A, 7471A		0.1005 g	50 mL		0.1005 g

Digestion Tube/Cup Lot #:	660786	Oven, Bath or Block Temperature 1:	94 CORRECTED-TEMP
Hot Block ID number:	38008	NaCL Lot #:	654642
Hood ID or number:	06	Hydroxylamine Hydrochloride Lot:	654643
Balance ID:	SEA204		
Lot # of Nitric Acid:	657999		
ID number of the thermometer:	15-041-1A-A		
Lot # of hydrochloric acid:	659246		
Potassium Permanganate Lot Number:	654649		
Sulfuric Acid Lot Number:	609316		
Potassium Persulfate Lot Number:	654652		
Stannous Chloride Lot Number:	654645		
Uncorrected Temperature:	95 Celsius		

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24912-1

SDG No.:

Project: Yakima, WA Phase II

Client Sample ID	Lab Sample ID
YK-MW-1 (0-1)	580-24912-1
YK-MW-1 (4-5)	580-24912-2
YK-MW-1 (4-5) Dup	580-24912-3
YK-MW-2 (0-1)	580-24912-4
YK-MW-2 (4-5)	580-24912-5
YK-MW-3 (0-1)	580-24912-6
YK-MW-31 (0-1)	580-24912-7
YK-MW-3 (4-5)	580-24912-8
YK-MW-4 (0-1)	580-24912-9
YK-MW-4 (4-5)	580-24912-10
YK-SB5 (0-1)	580-24912-11
YK-SB05 (5-6)	580-24912-12
YK-SB09 (0-1)	580-24912-13
YK-SB09 D(0-1)	580-24912-14
YK-SB09 (4-5)	580-24912-15

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24912-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture RL Date: 01/01/2005 13:13

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24912-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/11/2011 12:31 End Date: 03/11/2011 12:31

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
580-24912-1	1	T	12:31	X	X																		
580-24912-1 DU	1	T	12:31	X	X																		
580-24912-2	1	T	12:31	X	X																		
580-24912-3	1	T	12:31	X	X																		
580-24912-4	1	T	12:31	X	X																		
580-24912-5	1	T	12:31	X	X																		
580-24912-6	1	T	12:31	X	X																		
580-24912-7	1	T	12:31	X	X																		
580-24912-8	1	T	12:31	X	X																		
580-24912-9	1	T	12:31	X	X																		
580-24912-10	1	T	12:31	X	X																		
580-24912-11	1	T	12:31	X	X																		
580-24912-12	1	T	12:31	X	X																		
580-24912-13	1	T	12:31	X	X																		
580-24912-14	1	T	12:31	X	X																		
580-24912-15	1	T	12:31	X	X																		

Prep Types

T = Total/NA

General Chemistry Worksheet

Batch Number: 580-82125
Method: Moisture
Analyst: Wooten, Kara K

Date Open: Mar 11 2011 12:31PM
Batch End: Mar 11 2011 4:18PM

Lab ID	Client ID	Method Chain	Basis	Empty Dish Weight	Mass of wet Sample	Mass of Dry Sample
580-24912-A-1	YK-MW-1 (0-1)	Moisture	T	0.7192 g	5.9121 g	4.7869 g
580-24912-A-1~DU	YK-MW-1 (0-1)	Moisture	T	0.7176 g	5.8139 g	4.7164 g
580-24912-A-2	YK-MW-1 (4-5)	Moisture	T	0.7231 g	5.2587 g	3.9699 g
580-24912-A-3	YK-MW-1 (4-5) Dup	Moisture	T	0.7291 g	5.0686 g	3.8332 g
580-24912-A-4	YK-MW-2 (0-1)	Moisture	T	0.7294 g	6.6364 g	5.2150 g
580-24912-A-5	YK-MW-2 (4-5)	Moisture	T	0.7389 g	5.9525 g	4.3579 g
580-24912-A-6	YK-MW-3 (0-1)	Moisture	T	0.7436 g	6.0608 g	4.7006 g
580-24912-A-7	YK-MW-31 (0-1)	Moisture	T	0.7402 g	6.5891 g	5.2638 g
580-24912-A-8	YK-MW-3 (4-5)	Moisture	T	0.7415 g	9.9344 g	6.9867 g
580-24912-A-9	YK-MW-4 (0-1)	Moisture	T	0.7298 g	6.1288 g	5.0629 g
580-24912-A-10	YK-MW-4 (4-5)	Moisture	T	0.7348 g	5.3941 g	4.0436 g
580-24912-A-11	YK-SB5 (0-1)	Moisture	T	0.7309 g	5.4161 g	4.3817 g
580-24912-A-12	YK-SB05 (5-6)	Moisture	T	0.7326 g	7.6368 g	5.7642 g
580-24912-A-13	YK-SB09 (0-1)	Moisture	T	0.7260 g	6.6517 g	5.4527 g
580-24912-A-14	YK-SB09 D(0-1)	Moisture	T	0.7337 g	6.8753 g	5.6653 g
580-24912-A-15	YK-SB09 (4-5)	Moisture	T	0.7301 g	5.7309 g	4.5921 g

Balance ID:	SEA216 No Unit
Date samples were place in the oven:	3-11-11
Time samples were place in the oven:	13:09
Uncorrected In Temperature:	107.5 Celsius
Oven Temp when samples are put in oven:	108.5 Degrees C
Date samples were removed from oven:	3-11-11
Time Samples were removed from oven:	15:55
Uncorrected Out Temperature:	107 Celsius
Oven Temp when samples removed from oven:	108 Degrees C
Oven ID:	TAC306
ID number of the thermometer:	3A4823

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 580-24912-1

Login Number: 24912

List Source: TestAmerica Seattle

List Number: 1

Creator: Gamble, Cathy

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	no
There are no discrepancies between the sample IDs on the containers and the COC.	False	Several discrep. on Sx-1 --- -5 see NCM
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

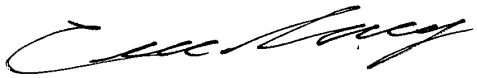
ANALYTICAL REPORT

Job Number: 580-24938-1

Job Description: Yakima, WA Phase II

For:
MWH Americas Inc
5100 SW Macadam Ave.
Ste 420
Portland, OR 97239

Attention: Mr. Joseph M Rock



Approved for release.
Curtis Armstrong
Project Manager I
3/15/2011 6:02 PM

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03/15/2011

cc: Mr. Norman M Cira
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The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

Table of Contents

Cover Title Page 1

Data Summaries 6

- Report Narrative 6
- Manual Integration Summary 10
- Sample Summary 43
- Executive Summary 44
- Method Summary 63
- Sample Datasheets 64
- Surrogate Summary 334
- QC Data Summary 341
- Data Qualifiers 406
- QC Association Summary 408
- Lab Chronicle 429

Organic Sample Data 455

- GC/MS VOA 455
  - Method 8260B 455
    - Method 8260B QC Summary 456
    - Method 8260B Sample Data 479
    - Standards Data 559
      - Method 8260B ICAL Data 559
      - Method 8260B CCAL Data 571
    - Raw QC Data 584
      - Method 8260B Blank Data 584
      - Method 8260B LCS/LCSD Data 592
      - Method 8260B MS/MSD Data 594
    - Method 8260B Run Logs 602

Table of Contents

Method 8260B Prep Data 606

GC/MS Semi VOA 610

Method 8270C 610

Method 8270C QC Summary 611

Method 8270C Sample Data 650

Standards Data 764

Method 8270C ICAL Data 764

Method 8270C CCAL Data 788

Raw QC Data 802

Method 8270C Blank Data 802

Method 8270C LCS/LCSD Data 808

Method 8270C MS/MSD Data 820

Method 8270C Run Logs 832

Method 8270C Prep Data 838

GC Semi VOA 844

Method 8082 844

Method 8082 QC Summary 845

Method 8082 Sample Data 872

Standards Data 910

Method 8082 ICAL Data 910

Method 8082 CCAL Data 940

Raw QC Data 1004

Method 8082 Blank Data 1004

Method 8082 LCS/LCSD Data 1006

Method 8082 MS/MSD Data 1009

Method 8082 Run Logs 1013

Table of Contents

Method 8082 Prep Data 1024

Inorganic Sample Data 1030

Metals Data 1030

Met Cover Page 1031

Met Sample Data 1032

Met QC Data 1070

Met ICV/CCV 1070

Met CRQL 1075

Met Blanks 1076

Met ICSA/ICSAB 1084

Met MS/MSD/PDS 1087

Met Dup/Trip 1093

Met LCS/LCSD 1095

Met Serial Dilution 1107

Met MDL 1109

Met Linear Ranges 1113

Met Preparation Log 1114

Met Analysis Run Log 1118

Met ICP/MS Int Stds 1125

Met Prep Data 1128

General Chemistry Data 1140

Gen Chem Cover Page 1141

Gen Chem MDL 1142

Gen Chem Analysis Run Log 1143

Gen Chem Prep Data 1145

Shipping and Receiving Documents 1147

Table of Contents

Client Chain of Custody 1148

Sample Receipt Checklist 1152

CASE NARRATIVE

Client: MWH Americas Inc

Project: Yakima, WA Phase II

Report Number: 580-24938-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interfererences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 03/12/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.6 and 3.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples YK-SB08(0-1) (580-24938-1), YK-SB08(4-5) (580-24938-2), YK-SB14(0-1) (580-24938-3), YK-SB14(4-5) (580-24938-4), YK-SB06(0-1) (580-24938-5), YK-SB06(4-5) (580-24938-6), YK-SB15(0-1) (580-24938-7), YK-SB15(4-5) (580-24938-8), YK-Methanol Blank (580-24938-9), YK-MW-6(4-5) (580-24938-10), YK-MW-6(4-5)D (580-24938-11), YK-SB07(0-1) (580-24938-12), YK-MW-7(0-1) (580-24938-13), YK-MW-7(4-5) (580-24938-14), YK-MW-5(0-1) (580-24938-15), YK-MW-5(2-3) (580-24938-16), YK-SB16(0-1) (580-24938-17), YK-SB16(3-4) (580-24938-18), YK-SB17(0-1) (580-24938-19), YK-SB17(0-1)D (580-24938-20), YK-SB17(3-4) (580-24938-21), YK-SB18(0-1) (580-24938-22), YK-SB18(3-4) (580-24938-23), YK-MW-6(0-1) (580-24938-24), YK-SB07(3-4) (580-24938-25), YK-SB01(0-1) (580-24938-26), YK-SB01(4-5) (580-24938-27), YK-SB02(0-1) (580-24938-28), YK-SB02(3-4) (580-24938-29), YK-SB03(0-1) (580-24938-30), YK-SB03(3-4) (580-24938-31), YK-SB04(0-1) (580-24938-32), YK-SB04(4-5) (580-24938-33), YK-SB13(0-1) (580-24938-34), YK-SB13(7-8) (580-24938-35), YK-SB11(0-1) (580-24938-36), YK-SB11(3-4) (580-24938-37), YK-SB12(0-1) (580-24938-38), YK-SB10(0-1) (580-24938-39) and YK-Methanol Blank (580-24938-40) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/12/2011 and analyzed on 03/12/2011, 03/13/2011 and 03/15/2011.

The weight of samples YK-MW-5(2-3) (580-24938-16), YK-MW-6(4-5) (580-24938-10), YK-MW-6(4-5)D (580-24938-11), YK-SB14(0-1) (580-24938-3), YK-SB14(4-5) (580-24938-4), YK-SB01(4-5) (580-24938-27), YK-SB04(4-5) (580-24938-33), YK-SB10(0-1) (580-24938-39), YK-SB11(0-1) (580-24938-36), YK-SB13(0-1) (580-24938-34), YK-SB13(7-8) (580-24938-35) exceeded the volume of methanol by greater than 50%.

Several analytes were detected in method blank MB 580-82175/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Hexachlorobutadiene and Tetrachloroethene were detected in method blank MB 580-82176/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Surrogate recovery of Ethylbenzene-d10 for the following samples and LCS was outside the upper control limit: (580-24938-1 MS), (580-24938-21 MS), (580-24938-21 MSD), (LCS 580-82175/2-A), (LCS 580-82176/2-A), YK-MW-6(4-5)D (580-24938-11), YK-MW-6(0-1) (580-24938-24), YK-SB01(0-1) (580-24938-26), YK-SB01(4-5) (580-24938-27), YK-SB02(0-1) (580-24938-28), YK-SB02(3-4) (580-24938-29), YK-SB04(4-5) (580-24938-33) and YK-SB15(4-5) (580-24938-8). As all samples did not contain any

target analytes above the RL, re-extraction and/or re-analysis was not performed. The affected surrogates were flagged "X."

The recovery of Chlorobenzene in the laboratory control sample (LCS) associated with samples (580-24938-1 MS), (580-24938-1 MSD), (580-24938-21 MS), (580-24938-21 MSD), (LCS 580-82175/2-A), (LCS 580-82176/2-A), YK-Methanol Blank (580-24938-9), YK-MW-6(4-5) (580-24938-10), YK-MW-6(4-5)D (580-24938-11), YK-MW-7(0-1) (580-24938-13), YK-MW-7(4-5) (580-24938-14), YK-SB06(0-1) (580-24938-5), YK-SB06(4-5) (580-24938-6), YK-SB07(0-1) (580-24938-12), YK-SB08(0-1) (580-24938-1), YK-SB08(4-5) (580-24938-2), YK-SB14(0-1) (580-24938-3), YK-SB14(4-5) (580-24938-4), YK-SB15(0-1) (580-24938-7), YK-SB15(4-5) (580-24938-8), YK-SB17(3-4) (580-24938-21) YK-SB10(0-1) (580-24938-39), YK-SB11(0-1) (580-24938-36), YK-SB11(3-4) (580-24938-37), YK-SB12(0-1) (580-24938-38) recovered above QC limits. There were no target analyte detections above the RL in any associated samples; therefore, the data have been reported.

Surrogate recovery of Ethylbenzene-d10 for the following sample was outside the upper control limit: YK-SB10(0-1) (580-24938-39). This sample did not contain any target analytes above 1/2 the RL, with the exception of Trichloroethene, which was below the client provided action limit of 11 mg/Kg; therefore, re-extraction and/or re-analysis was not performed. The affected surrogate was flagged "X."

Surrogate recovery of Ethylbenzene-d10 for the following samples was outside the upper control limit: YK-MW-5(2-3) (580-24938-16), YK-SB16(3-4) (580-24938-18), YK-SB17(0-1)D (580-24938-20). This samples did not contain any target analytes above the RL, with the exception of Methylene Chloride, which were below the client specified action limit of 133.33 mg/Kg; therefore, re-extraction and/or re-analysis was not performed. The affected surrogates were flagged "X."

No other difficulties were encountered during the VOC analyses.

The recovery of CCC Ethylbenzene (20.6%) in the continuing calibration verification (CCV) for analytical batch 580-82178 was above the upper control limit (20%). As the recovery of all target analytes were either within 20%D or were biased high with no associated sample detections (flagged "^"), the data have been reported.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples YK-SB08(0-1) (580-24938-1), YK-SB08(4-5) (580-24938-2), YK-SB14(0-1) (580-24938-3), YK-SB14(4-5) (580-24938-4), YK-SB06(0-1) (580-24938-5), YK-SB06(4-5) (580-24938-6), YK-SB15(0-1) (580-24938-7), YK-SB15(4-5) (580-24938-8), YK-MW-6(4-5) (580-24938-10), YK-MW-6(4-5)D (580-24938-11), YK-SB07(0-1) (580-24938-12), YK-MW-7(0-1) (580-24938-13), YK-MW-7(4-5) (580-24938-14), YK-MW-5(0-1) (580-24938-15), YK-MW-5(2-3) (580-24938-16), YK-SB16(0-1) (580-24938-17), YK-SB16(3-4) (580-24938-18), YK-SB17(0-1) (580-24938-19), YK-SB17(0-1)D (580-24938-20), YK-SB17(3-4) (580-24938-21), YK-SB18(0-1) (580-24938-22), YK-SB18(3-4) (580-24938-23), YK-MW-6(0-1) (580-24938-24), YK-SB07(3-4) (580-24938-25), YK-SB01(0-1) (580-24938-26), YK-SB01(4-5) (580-24938-27), YK-SB02(0-1) (580-24938-28), YK-SB02(3-4) (580-24938-29), YK-SB03(0-1) (580-24938-30), YK-SB03(3-4) (580-24938-31), YK-SB04(0-1) (580-24938-32), YK-SB04(4-5) (580-24938-33), YK-SB13(0-1) (580-24938-34), YK-SB13(7-8) (580-24938-35), YK-SB11(0-1) (580-24938-36), YK-SB11(3-4) (580-24938-37), YK-SB12(0-1) (580-24938-38) and YK-SB10(0-1) (580-24938-39) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/12/2011 and analyzed on 03/14/2011.

Diethyl phthalate was detected in method blank MB 580-82163/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Nitrobenzene-d5 failed the surrogate recovery criteria high for YK-SB17(3-4) (580-24938-21). Terphenyl-d14 failed the surrogate recovery criteria low for YK-SB14(4-5)MSD (580-24938-4MSD).

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 4 analytes to recover outside criteria for this method when a full list spike is utilized as long as the spike is within marginal exceedance limits. The LCS/LCSD associated with batch 82163 had 3 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and *qualified.

2,4-Dinitrophenol and Benzoic acid failed the recovery criteria low for the MS of sample YK-SB18(0-1)MS (580-24938-22) in batch 580-82189. Several analytes failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MSD of sample YK-SB18(0-1)MSD (580-24938-22) in batch 580-82189. Benzo[g,h,i]perylene exceeded the rpd limit.

Several analytes failed the recovery criteria low for the MS of sample YK-SB14(4-5)MS (580-24938-4) in batch 580-82194.

Several analytes failed the recovery criteria low for the MSD of sample YK-SB14(4-5)MSD (580-24938-4) in batch 580-82194. Several analytes exceeded the rpd limit.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples YK-SB08(0-1) (580-24938-1), YK-SB08(4-5) (580-24938-2), YK-SB14(0-1) (580-24938-3), YK-SB14(4-5) (580-24938-4), YK-SB06(0-1) (580-24938-5), YK-SB06(4-5) (580-24938-6), YK-SB15(0-1) (580-24938-7), YK-SB15(4-5) (580-24938-8), YK-MW-6(4-5) (580-24938-10), YK-MW-6(4-5)D (580-24938-11), YK-SB07(0-1) (580-24938-12), YK-MW-7(0-1) (580-24938-13), YK-MW-7(4-5) (580-24938-14), YK-MW-5(0-1) (580-24938-15), YK-MW-5(2-3) (580-24938-16), YK-SB16(0-1) (580-24938-17), YK-SB16(3-4) (580-24938-18), YK-SB17(0-1) (580-24938-19), YK-SB17(0-1)D (580-24938-20), YK-SB17(3-4) (580-24938-21), YK-SB18(0-1) (580-24938-22), YK-SB18(3-4) (580-24938-23), YK-MW-6(0-1) (580-24938-24), YK-SB07(3-4) (580-24938-25), YK-SB01(0-1) (580-24938-26), YK-SB01(4-5) (580-24938-27), YK-SB02(0-1) (580-24938-28), YK-SB02(3-4) (580-24938-29), YK-SB03(0-1) (580-24938-30), YK-SB03(3-4) (580-24938-31), YK-SB04(0-1) (580-24938-32), YK-SB04(4-5) (580-24938-33), YK-SB13(0-1) (580-24938-34), YK-SB13(7-8) (580-24938-35), YK-SB11(0-1) (580-24938-36), YK-SB11(3-4) (580-24938-37), YK-SB12(0-1) (580-24938-38) and YK-SB10(0-1) (580-24938-39) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/12/2011 and 03/14/2011 and analyzed on 03/13/2011, 03/14/2011 and 03/15/2011.

All samples required a sulfuric acid clean-up to reduce matrix interferences.

Surrogate recovery for the following samples was outside control limits: 580-24938-1 through 580-24938-22, 580-24938-24 through 580-24938-33 and 580-24938-37. Evidence of matrix interference is present was confirmed by re-extraction and reanalysis. Samples were qualified “XI”

Because of the limited volume of sample YK-SB12(0-1) (580-24938-38), the extraction was performed with only 5 grams of soil, not 10 grams, as specified by the SOP. Batch 82195.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICPMS)

Samples YK-SB08(0-1) (580-24938-1), YK-SB08(4-5) (580-24938-2), YK-SB14(0-1) (580-24938-3), YK-SB14(4-5) (580-24938-4), YK-SB06(0-1) (580-24938-5), YK-SB06(4-5) (580-24938-6), YK-SB15(0-1) (580-24938-7), YK-SB15(4-5) (580-24938-8), YK-MW-6(4-5) (580-24938-10), YK-MW-6(4-5)D (580-24938-11), YK-SB07(0-1) (580-24938-12), YK-MW-7(0-1) (580-24938-13), YK-MW-7(4-5) (580-24938-14), YK-MW-5(0-1) (580-24938-15), YK-MW-5(2-3) (580-24938-16), YK-SB16(0-1) (580-24938-17), YK-SB16(3-4) (580-24938-18), YK-SB17(0-1) (580-24938-19), YK-SB17(0-1)D (580-24938-20), YK-SB17(3-4) (580-24938-21), YK-SB18(0-1) (580-24938-22), YK-SB18(3-4) (580-24938-23), YK-MW-6(0-1) (580-24938-24), YK-SB07(3-4) (580-24938-25), YK-SB01(0-1) (580-24938-26), YK-SB01(4-5) (580-24938-27), YK-SB02(0-1) (580-24938-28), YK-SB02(3-4) (580-24938-29), YK-SB03(0-1) (580-24938-30), YK-SB03(3-4) (580-24938-31), YK-SB04(0-1) (580-24938-32), YK-SB04(4-5) (580-24938-33), YK-SB13(0-1) (580-24938-34), YK-SB13(7-8) (580-24938-35), YK-SB11(0-1) (580-24938-36), YK-SB11(3-4) (580-24938-37), YK-SB12(0-1) (580-24938-38) and YK-SB10(0-1) (580-24938-39) were analyzed for total metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 03/12/2011 and analyzed on 03/14/2011.

Antimony and Tin were detected in method blank MB 580-82169/23-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Barium, Tin and Zinc were detected in method blank MB 580-82170/23-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Barium failed the recovery criteria low for the MS of sample YK-SB08(0-1)MS (580-24938-1) in batch 580-82234.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples YK-SB08(0-1) (580-24938-1), YK-SB08(4-5) (580-24938-2), YK-SB14(0-1) (580-24938-3), YK-SB14(4-5) (580-24938-4), YK-SB06(0-1) (580-24938-5), YK-SB06(4-5) (580-24938-6), YK-SB15(0-1) (580-24938-7), YK-SB15(4-5) (580-24938-8), YK-MW-6(4-5) (580-24938-10), YK-MW-6(4-5)D (580-24938-11), YK-SB07(0-1) (580-24938-12), YK-MW-7(0-1) (580-24938-13), YK-MW-7(4-5) (580-24938-14), YK-MW-5(0-1) (580-24938-15), YK-MW-5(2-3) (580-24938-16), YK-SB16(0-1) (580-24938-17), YK-SB16(3-4) (580-24938-18), YK-SB17(0-1) (580-24938-19), YK-SB17(0-1)D (580-24938-20), YK-SB17(3-4) (580-24938-21), YK-SB18(0-1) (580-24938-22), YK-SB18(3-4) (580-24938-23), YK-MW-6(0-1) (580-24938-24), YK-SB07(3-4) (580-24938-25), YK-SB01(0-1) (580-24938-26), YK-SB01(4-5) (580-24938-27), YK-SB02(0-1) (580-24938-28), YK-SB02(3-4) (580-24938-29), YK-SB03(0-1) (580-24938-30), YK-SB03(3-4) (580-24938-31), YK-SB04(0-1) (580-24938-32), YK-SB04(4-5) (580-24938-33), YK-SB13(0-1)

(580-24938-34), YK-SB13(7-8) (580-24938-35), YK-SB11(0-1) (580-24938-36), YK-SB11(3-4) (580-24938-37), YK-SB12(0-1) (580-24938-38) and YK-SB10(0-1) (580-24938-39) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared on 03/12/2011 and analyzed on 03/14/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples YK-SB08(0-1) (580-24938-1), YK-SB08(4-5) (580-24938-2), YK-SB14(0-1) (580-24938-3), YK-SB14(4-5) (580-24938-4), YK-SB06(0-1) (580-24938-5), YK-SB06(4-5) (580-24938-6), YK-SB15(0-1) (580-24938-7), YK-SB15(4-5) (580-24938-8), YK-MW-6(4-5) (580-24938-10), YK-MW-6(4-5)D (580-24938-11), YK-SB07(0-1) (580-24938-12), YK-MW-7(0-1) (580-24938-13), YK-MW-7(4-5) (580-24938-14), YK-MW-5(0-1) (580-24938-15), YK-MW-5(2-3) (580-24938-16), YK-SB16(0-1) (580-24938-17), YK-SB16(3-4) (580-24938-18), YK-SB17(0-1) (580-24938-19), YK-SB17(0-1)D (580-24938-20), YK-SB17(3-4) (580-24938-21), YK-SB18(0-1) (580-24938-22), YK-SB18(3-4) (580-24938-23), YK-MW-6(0-1) (580-24938-24), YK-SB07(3-4) (580-24938-25), YK-SB01(0-1) (580-24938-26), YK-SB01(4-5) (580-24938-27), YK-SB02(0-1) (580-24938-28), YK-SB02(3-4) (580-24938-29), YK-SB03(0-1) (580-24938-30), YK-SB03(3-4) (580-24938-31), YK-SB04(0-1) (580-24938-32), YK-SB04(4-5) (580-24938-33), YK-SB13(0-1) (580-24938-34), YK-SB13(7-8) (580-24938-35), YK-SB11(0-1) (580-24938-36), YK-SB11(3-4) (580-24938-37), YK-SB12(0-1) (580-24938-38) and YK-SB10(0-1) (580-24938-39) were analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 03/12/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82074

Lab Sample ID: STD02 580-82074/3 IC Client Sample ID:

Date Analyzed: 03/10/11 19:13 Lab File ID: VB00134397.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2,2-Tetrachloroethane	4.27		ryant	03/11/11 12:45

Lab Sample ID: STD1 580-82074/4 IC Client Sample ID:

Date Analyzed: 03/10/11 19:37 Lab File ID: VB00134399.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl acetate	2.11		ryant	03/11/11 12:47
Cyclohexane	2.28	Shouldering	ryant	03/11/11 12:47
2-Chlorotoluene	4.35	Shouldering	ryant	03/11/11 12:47
1,4-Dichlorobenzene	4.72	Shouldering	ryant	03/11/11 12:47

Lab Sample ID: STD2 580-82074/5 IC Client Sample ID:

Date Analyzed: 03/10/11 20:01 Lab File ID: VB00134401.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/11/11 12:47
1,4-Dichlorobenzene	4.72		ryant	03/11/11 12:47

Lab Sample ID: STD5 580-82074/6 IC Client Sample ID:

Date Analyzed: 03/10/11 20:25 Lab File ID: VB00134403.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/11/11 12:48

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82074

Lab Sample ID: STD10 580-82074/7 IC Client Sample ID:

Date Analyzed: 03/10/11 20:50 Lab File ID: VB00134405.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/11/11 12:48

Lab Sample ID: STD20 580-82074/8 IC Client Sample ID:

Date Analyzed: 03/10/11 21:14 Lab File ID: VB00134407.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/11/11 12:48
Ethyl acetate	2.11		ryant	03/11/11 12:48
Tetrahydrofuran	2.21		ryant	03/11/11 12:48

Lab Sample ID: STD50 580-82074/9 ICIS Client Sample ID:

Date Analyzed: 03/10/11 21:38 Lab File ID: VB00134409.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	2.21		ryant	03/11/11 12:49

Lab Sample ID: STD100 580-82074/10 IC Client Sample ID:

Date Analyzed: 03/10/11 22:02 Lab File ID: VB00134411.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	2.21		ryant	03/11/11 12:49

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82074

Lab Sample ID: STD150 580-82074/11 IC Client Sample ID:

Date Analyzed: 03/10/11 22:26 Lab File ID: VB00134413.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl acetate	2.11		ryant	03/11/11 12:49
Tetrahydrofuran	2.21		ryant	03/11/11 12:49

Lab Sample ID: STD200 580-82074/12 IC Client Sample ID:

Date Analyzed: 03/10/11 22:50 Lab File ID: VB00134415.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	2.21		ryant	03/11/11 12:50

Lab Sample ID: ICV 580-82074/15 Client Sample ID:

Date Analyzed: 03/11/11 00:03 Lab File ID: VB00134421.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95	Peak Tail	ryant	03/11/11 13:02
Tetrahydrofuran	2.21		ryant	03/11/11 12:57

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82177

Lab Sample ID: CCVIS 580-82177/2 Client Sample ID:

Date Analyzed: 03/13/11 11:45 Lab File ID: VB00134509.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.95		ryant	03/13/11 19:19
Tetrahydrofuran	2.21		ryant	03/13/11 17:38

Lab Sample ID: 580-24938-25 Client Sample ID: YK-SB07(3-4)

Date Analyzed: 03/13/11 15:04 Lab File ID: VB00134518.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 18:09

Lab Sample ID: 580-24938-26 Client Sample ID: YK-SB01(0-1)

Date Analyzed: 03/13/11 15:26 Lab File ID: VB00134519.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 18:10

Lab Sample ID: 580-24938-27 Client Sample ID: YK-SB01(4-5)

Date Analyzed: 03/13/11 15:48 Lab File ID: VB00134520.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 18:11

Lab Sample ID: 580-24938-28 Client Sample ID: YK-SB02(0-1)

Date Analyzed: 03/13/11 16:10 Lab File ID: VB00134521.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 18:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82177

Lab Sample ID: 580-24938-32 Client Sample ID: YK-SB04(0-1)

Date Analyzed: 03/13/11 17:39 Lab File ID: VB00134525.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toluene	3.17		ryant	03/13/11 18:18

Lab Sample ID: 580-24938-34 Client Sample ID: YK-SB13(0-1)

Date Analyzed: 03/13/11 18:23 Lab File ID: VB00134527.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
m-Xylene & p-Xylene	3.81		ryant	03/13/11 18:51

Lab Sample ID: 580-24938-35 Client Sample ID: YK-SB13(7-8)

Date Analyzed: 03/13/11 18:45 Lab File ID: VB00134528.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	0.76		ryant	03/13/11 19:13
Methylene Chloride	1.57		ryant	03/13/11 19:13
Isopropylbenzene	4.13		ryant	03/13/11 19:13

Lab Sample ID: 580-24938-38 Client Sample ID: YK-SB12(0-1)

Date Analyzed: 03/13/11 19:51 Lab File ID: VB00134531.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toluene	3.17		ryant	03/14/11 09:51
m-Xylene & p-Xylene	3.81		ryant	03/14/11 09:51

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82177

Lab Sample ID: 580-24938-39 Client Sample ID: YK-SB10(0-1)

Date Analyzed: 03/13/11 20:14 Lab File ID: VB00134532.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/14/11 09:53
Ethylbenzene	3.77		ryant	03/14/11 09:53
o-Xylene	3.98		ryant	03/14/11 09:53
Isopropylbenzene	4.13		ryant	03/14/11 09:53

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82178

Lab Sample ID: CCVIS 580-82178/3 Client Sample ID:

Date Analyzed: 03/12/11 17:26 Lab File ID: VB00134475.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrahydrofuran	2.21		ryant	03/13/11 17:38

Lab Sample ID: MB 580-82175/1-A Client Sample ID:

Date Analyzed: 03/12/11 18:33 Lab File ID: VB00134478.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	0.76		ryant	03/13/11 17:41
Ethylbenzene	3.77		ryant	03/13/11 17:41
m-Xylene & p-Xylene	3.81		ryant	03/13/11 17:41

Lab Sample ID: MB 580-82176/1-A Client Sample ID:

Date Analyzed: 03/12/11 18:55 Lab File ID: VB00134479.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	0.76		ryant	03/13/11 17:43
Ethylbenzene	3.77		ryant	03/13/11 17:43
m-Xylene & p-Xylene	3.81		ryant	03/13/11 17:43

Lab Sample ID: 580-24938-9 Client Sample ID: YK-Methanol Blank

Date Analyzed: 03/12/11 20:01 Lab File ID: VB00134482.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	0.76		ryant	03/13/11 17:44
Methylene Chloride	1.58		ryant	03/13/11 17:44
Toluene	3.16		ryant	03/13/11 17:44

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82178

Lab Sample ID: 580-24938-1 Client Sample ID: YK-SB08(0-1)

Date Analyzed: 03/12/11 20:24 Lab File ID: VB00134483.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58	Analyst error	ryant	03/13/11 17:45

Lab Sample ID: 580-24938-1 MS Client Sample ID: YK-SB08(0-1) MS

Date Analyzed: 03/12/11 20:46 Lab File ID: VB00134484.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 17:47

Lab Sample ID: 580-24938-1 MSD Client Sample ID: YK-SB08(0-1) MSD

Date Analyzed: 03/12/11 21:08 Lab File ID: VB00134485.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	0.76		ryant	03/13/11 17:48
Methylene Chloride	1.58		ryant	03/13/11 17:48

Lab Sample ID: 580-24938-21 Client Sample ID: YK-SB17(3-4)

Date Analyzed: 03/12/11 21:30 Lab File ID: VB00134486.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 17:49
Trichloroethene	2.67		ryant	03/13/11 17:49

Lab Sample ID: 580-24938-21 MS Client Sample ID: YK-SB17(3-4) MS

Date Analyzed: 03/12/11 21:52 Lab File ID: VB00134487.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.57		ryant	03/13/11 17:50

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82178

Lab Sample ID: 580-24938-21 MSD Client Sample ID: YK-SB17(3-4) MSD

Date Analyzed: 03/12/11 22:14 Lab File ID: VB00134488.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.57		ryant	03/13/11 17:51

Lab Sample ID: 580-24938-3 Client Sample ID: YK-SB14(0-1)

Date Analyzed: 03/12/11 22:59 Lab File ID: VB00134490.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toluene	3.17		ryant	03/13/11 17:52

Lab Sample ID: 580-24938-4 Client Sample ID: YK-SB14(4-5)

Date Analyzed: 03/12/11 23:21 Lab File ID: VB00134491.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 17:53

Lab Sample ID: 580-24938-6 Client Sample ID: YK-SB06(4-5)

Date Analyzed: 03/13/11 00:05 Lab File ID: VB00134493.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 17:54

Lab Sample ID: 580-24938-7 Client Sample ID: YK-SB15(0-1)

Date Analyzed: 03/13/11 00:28 Lab File ID: VB00134494.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 17:55

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82178

Lab Sample ID: 580-24938-8 Client Sample ID: YK-SB15(4-5)

Date Analyzed: 03/13/11 00:50 Lab File ID: VB00134495.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.57		ryant	03/13/11 17:55

Lab Sample ID: 580-24938-11 Client Sample ID: YK-MW-6(4-5)D

Date Analyzed: 03/13/11 01:34 Lab File ID: VB00134497.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 17:57

Lab Sample ID: 580-24938-12 Client Sample ID: YK-SB07(0-1)

Date Analyzed: 03/13/11 01:56 Lab File ID: VB00134498.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 17:57

Lab Sample ID: 580-24938-14 Client Sample ID: YK-MW-7(4-5)

Date Analyzed: 03/13/11 03:41 Lab File ID: VB00134500.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/13/11 17:59

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82301

Lab Sample ID: CCVIS 580-82301/3 Client Sample ID:

Date Analyzed: 03/15/11 12:20 Lab File ID: VB00134558.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	0.96		ryant	03/15/11 12:31

Lab Sample ID: MB 580-82175/1-A Client Sample ID:

Date Analyzed: 03/15/11 13:32 Lab File ID: VB00134561.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/15/11 14:28
Ethylbenzene	3.77		ryant	03/15/11 14:28

Lab Sample ID: 580-24938-15 RA Client Sample ID: YK-MW-5(0-1) RA

Date Analyzed: 03/15/11 13:54 Lab File ID: VB00134562.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/15/11 14:29

Lab Sample ID: 580-24938-16 RA Client Sample ID: YK-MW-5(2-3) RA

Date Analyzed: 03/15/11 14:17 Lab File ID: VB00134563.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/15/11 14:30

Lab Sample ID: 580-24938-17 RA Client Sample ID: YK-SB16(0-1) RA

Date Analyzed: 03/15/11 14:39 Lab File ID: VB00134564.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/15/11 14:51
m-Xylene & p-Xylene	3.81		ryant	03/15/11 14:51

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Analysis Batch Number: 82301

Lab Sample ID: 580-24938-18 RA Client Sample ID: YK-SB16(3-4) RA

Date Analyzed: 03/15/11 15:01 Lab File ID: VB00134565.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	0.77		ryant	03/15/11 16:08
Methylene Chloride	1.58		ryant	03/15/11 16:08

Lab Sample ID: 580-24938-19 RA Client Sample ID: YK-SB17(0-1) RA

Date Analyzed: 03/15/11 15:23 Lab File ID: VB00134566.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	1.58		ryant	03/15/11 16:09

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 81932

Lab Sample ID: IC 580-81932/3 Client Sample ID:

Date Analyzed: 03/09/11 11:40 Lab File ID: ak024424.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorophenol	3.03	Assign Peak	phama	03/09/11 15:15
Cyclohexanone	3.23	Assign Peak	phama	03/09/11 15:15
Phenol	3.74	Assign Peak	phama	03/09/11 15:15
Bis(2-chloroethyl)ether	3.77	Assign Peak	phama	03/09/11 15:15
2-Chlorophenol	3.84	Assign Peak	phama	03/09/11 15:15
1,3-Dichlorobenzene	3.93	Assign Peak	phama	03/09/11 15:15
2,2'-oxybis[1-chloropropane]	4.18	Assign Peak	phama	03/09/11 15:15
2-Methylphenol	4.18	Assign Peak	phama	03/09/11 15:15
Nitrobenzene-d5	4.41	Assign Peak	phama	03/09/11 15:15
Isophorone	4.61	Assign Peak	phama	03/09/11 15:15
Hexachlorobutadiene	5.09	Assign Peak	phama	03/09/11 15:15
Dibenzofuran	6.57	Assign Peak	phama	03/09/11 15:15
Fluorene	6.85	Assign Peak	phama	03/09/11 15:15
2,4,6-Tribromophenol	7.06	Assign Peak	phama	03/09/11 15:15
Hexachlorobenzene	7.31	Assign Peak	phama	03/09/11 15:15
Carbazole	7.83	Assign Peak	phama	03/09/11 15:15
3,3'-Dichlorobenzidine	9.79	Assign Peak	phama	03/09/11 15:15
Benzo[a]anthracene	9.81	Wrong peak	phama	03/09/11 15:15
Benzo[a]pyrene	11.23	Assign Peak	phama	03/09/11 15:15

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 81932

Lab Sample ID: IC 580-81932/4 Client Sample ID:

Date Analyzed: 03/09/11 12:01 Lab File ID: ak024425.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.17	Other	phama	03/09/11 15:26
Pyridine	2.21	Other	phama	03/09/11 15:26
Phenol-d5	3.72	Assign Peak	phama	03/09/11 15:26
Benzyl alcohol	4.09	Wrong peak	phama	03/09/11 15:26
3 & 4 Methylphenol	4.30	Assign Peak	phama	03/09/11 15:26
4-Chloroaniline	5.04	Other	phama	03/09/11 15:26
2,4,5-Trichlorophenol	5.85	Wrong peak	phama	03/09/11 15:34
3-Nitroaniline	6.38	Assign Peak	phama	03/09/11 15:34
4-Nitroaniline	6.88	Assign Peak	phama	03/09/11 15:34

Lab Sample ID: IC 580-81932/5 Client Sample ID:

Date Analyzed: 03/09/11 12:22 Lab File ID: ak024426.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.17	Other	phama	03/09/11 15:36
Pyridine	2.19	Other	phama	03/09/11 15:36
Benzoic acid	4.77	Assign Peak	phama	03/09/11 15:36
2,4,5-Trichlorophenol	5.85	Wrong peak	phama	03/09/11 15:36
3-Nitroaniline	6.38	Assign Peak	phama	03/09/11 15:36
2,4-Dinitrophenol	6.47	Other	phama	03/09/11 15:36
Benzo[a]anthracene	9.82	Wrong peak	phama	03/09/11 15:36
Indeno[1,2,3-cd]pyrene	12.50	Other	phama	03/09/11 15:36

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 81932

Lab Sample ID: IC 580-81932/6 Client Sample ID:

Date Analyzed: 03/09/11 12:55 Lab File ID: ak024427.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bis(2-chloroethyl)ether	3.77	Baseline	phama	03/09/11 15:38
2,4,5-Trichlorophenol	5.84	Wrong peak	phama	03/09/11 15:38
Pentachlorophenol	7.48	Other	phama	03/09/11 15:38

Lab Sample ID: IC 580-81932/7 Client Sample ID:

Date Analyzed: 03/09/11 13:16 Lab File ID: ak024428.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.74	Assign Peak	phama	03/09/11 15:47

Lab Sample ID: ICIS 580-81932/8 Client Sample ID:

Date Analyzed: 03/09/11 13:37 Lab File ID: ak024429.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.74	Wrong peak	phama	03/09/11 15:08
Benzofluoranthene	10.93	Assign Peak	phama	03/09/11 15:08

Lab Sample ID: IC 580-81932/9 Client Sample ID:

Date Analyzed: 03/09/11 13:59 Lab File ID: ak024430.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.74	Wrong peak	phama	03/09/11 15:09
4-Nitrophenol	6.55	Assign Peak	phama	03/09/11 15:09
2,4-Dinitrotoluene	6.56	Wrong peak	phama	03/09/11 15:09

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 81932

Lab Sample ID: IC 580-81932/10 Client Sample ID:

Date Analyzed: 03/09/11 14:20 Lab File ID: ak024431.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.72	Assign Peak	phama	03/09/11 15:10
Aniline	3.74	Wrong peak	phama	03/09/11 15:10

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 82189

Lab Sample ID: 580-24938-22 MS Client Sample ID: YK-SB18(0-1) MS

Date Analyzed: 03/14/11 10:52 Lab File ID: ak024469.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.72	Assign Peak	phama	03/14/11 11:55
Benzoic acid	4.76	Wrong peak	phama	03/14/11 11:55

Lab Sample ID: 580-24938-22 MSD Client Sample ID: YK-SB18(0-1) MSD

Date Analyzed: 03/14/11 11:13 Lab File ID: ak024470.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	4.76	Wrong peak	phama	03/14/11 11:56

Lab Sample ID: 580-24938-24 Client Sample ID: YK-MW-6(0-1)

Date Analyzed: 03/14/11 11:55 Lab File ID: ak024472.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[a]anthracene	9.82	Wrong peak	phama	03/14/11 15:01

Lab Sample ID: 580-24938-34 Client Sample ID: YK-SB13(0-1)

Date Analyzed: 03/14/11 15:27 Lab File ID: ak024482.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Di-n-butyl phthalate	8.09	Wrong peak	phama	03/14/11 15:53

Lab Sample ID: 580-24938-38 Client Sample ID: YK-SB12(0-1)

Date Analyzed: 03/14/11 16:51 Lab File ID: ak024486.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1-Methylnaphthalene	5.63	Wrong peak	mckeanc	03/15/11 09:44

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Analysis Batch Number: 82189

Lab Sample ID: 580-24938-39 Client Sample ID: YK-SB10(0-1)

Date Analyzed: 03/14/11 17:12 Lab File ID: ak024487.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorophenol	3.08	Poor chromatography	mckeanc	03/15/11 09:56
Phenol-d5	3.81	Poor chromatography	mckeanc	03/15/11 09:56

Lab Sample ID: 580-24938-26 Client Sample ID: YK-SB01(0-1)

Date Analyzed: 03/14/11 17:33 Lab File ID: ak024488.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1-Methylnaphthalene	5.63	Wrong peak	mckeanc	03/15/11 09:58
Benzo[a]anthracene	9.82	Wrong peak	mckeanc	03/15/11 09:58

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 80068

Lab Sample ID: IC 580-80068/3 Client Sample ID:

Date Analyzed: 02/01/11 14:42 Lab File ID: FT003870.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexanone	2.93	Baseline	phama	02/02/11 10:14
1,3-Dichlorobenzene	3.62	Assign Peak	phama	02/02/11 10:14
1,4-Dichlorobenzene	3.67	Assign Peak	phama	02/02/11 10:14
2,2'-oxybis[1-chloropropane]	3.86	Assign Peak	phama	02/02/11 10:14
N-Nitrosodi-n-propylamine	3.96	Assign Peak	phama	02/02/11 10:14
Nitrobenzene-d5	4.08	Wrong peak	phama	02/02/11 10:14
Naphthalene	4.66	Assign Peak	phama	02/02/11 10:14
2,3,4,6-Tetrachlorophenol	6.34	Wrong peak	phama	02/02/11 10:14
Benzidine	8.40	Assign Peak	phama	02/02/11 10:14
Pyrene	8.48	Assign Peak	phama	02/02/11 10:14
Benzofluoranthene	10.57	Other	phama	02/02/11 10:14
Benzo[a]pyrene	10.87	Wrong peak	phama	02/02/11 10:14
Benzo[g,h,i]perylene	12.40	Wrong peak	phama	02/02/11 10:14

Lab Sample ID: IC 580-80068/4 Client Sample ID:

Date Analyzed: 02/01/11 15:01 Lab File ID: FT003871.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.38	Wrong peak	phama	02/02/11 10:20
1,4-Dichlorobenzene	3.67	Wrong peak	phama	02/02/11 10:20
3 & 4 Methylphenol	3.95	Wrong peak	phama	02/02/11 10:20
2-Chloronaphthalene	5.62	Assign Peak	phama	02/02/11 10:20
2,4-Dinitrophenol	6.12	Assign Peak	phama	02/02/11 10:20
4-Nitroaniline	6.54	Assign Peak	phama	02/02/11 10:20
Hexachlorobenzene	6.97	Assign Peak	phama	02/02/11 10:20
Benzo[a]anthracene	9.47	Wrong peak	phama	02/02/11 10:20
Benzo[k]fluoranthene	10.57	Wrong peak	phama	02/02/11 10:20
Benzofluoranthene	10.57	Other	phama	02/02/11 10:20
Benzo[g,h,i]perylene	12.41	Baseline	phama	02/02/11 10:20

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 80068

Lab Sample ID: IC 580-80068/5 Client Sample ID:

Date Analyzed: 02/01/11 15:20 Lab File ID: FT003872.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2'-oxybis[1-chloropropane]	3.86	Assign Peak	phama	02/02/11 10:23
Naphthalene	4.66	Assign Peak	phama	02/02/11 10:23
2,4-Dinitrophenol	6.12	Assign Peak	phama	02/02/11 10:23
2,3,5,6-Tetrachlorophenol	6.30	Other	phama	02/02/11 10:23
2,3,4,6-Tetrachlorophenol	6.34	Other	phama	02/02/11 10:31
Benzofluoranthene	10.57	Other	phama	02/02/11 10:23

Lab Sample ID: IC 580-80068/6 Client Sample ID:

Date Analyzed: 02/01/11 15:39 Lab File ID: FT003873.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4-Dinitrophenol	6.12	Assign Peak	phama	02/02/11 10:25
Benzo[a]anthracene	9.47	Wrong peak	phama	02/02/11 10:25
Benzofluoranthene	10.54	Other	phama	02/02/11 10:25
Benzo[g,h,i]perylene	12.41	Wrong peak	phama	02/02/11 10:25

Lab Sample ID: IC 580-80068/7 Client Sample ID:

Date Analyzed: 02/01/11 15:58 Lab File ID: FT003874.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.57	Other	phama	02/02/11 10:26

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 80068

Lab Sample ID: ICIS 580-80068/8 Client Sample ID:

Date Analyzed: 02/01/11 16:17 Lab File ID: FT003875.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,3,4,6-Tetrachlorophenol	6.34	Wrong peak	phama	02/02/11 10:05
Benzofluoranthene	10.54	Other	phama	02/02/11 10:05

Lab Sample ID: IC 580-80068/9 Client Sample ID:

Date Analyzed: 02/01/11 16:36 Lab File ID: FT003876.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.57	Other	phama	02/02/11 10:07

Lab Sample ID: IC 580-80068/10 Client Sample ID:

Date Analyzed: 02/01/11 16:55 Lab File ID: FT003877.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.57	Other	phama	02/02/11 10:09

Lab Sample ID: ICV 580-80068/11 Client Sample ID:

Date Analyzed: 02/01/11 17:14 Lab File ID: FT003878.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.57	Other	phama	02/02/11 10:35

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 81637

Lab Sample ID: IC 580-81637/3 Client Sample ID:

Date Analyzed: 03/04/11 10:37 Lab File ID: FT003987.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol	6.73	Assign Peak	phama	03/04/11 12:16
Pentachlorophenol	7.18	Assign Peak	phama	03/04/11 12:16
Chrysene	9.51	Wrong peak	phama	03/04/11 12:16
Indeno[1,2,3-cd]pyrene	12.09	Wrong peak	phama	03/04/11 12:16

Lab Sample ID: IC 580-81637/4 Client Sample ID:

Date Analyzed: 03/04/11 10:57 Lab File ID: FT003988.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol	6.73	Assign Peak	phama	03/04/11 12:17
Pentachlorophenol	7.17	Assign Peak	phama	03/04/11 12:17
Benzo[a]anthracene	9.48	Wrong peak	phama	03/04/11 12:17
Dibenz(a,h)anthracene	12.11	Other	phama	03/04/11 12:17

Lab Sample ID: IC 580-81637/5 Client Sample ID:

Date Analyzed: 03/04/11 11:17 Lab File ID: FT003989.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol	6.73	Assign Peak	phama	03/04/11 12:18
Pentachlorophenol	7.15	Assign Peak	phama	03/04/11 12:18
Chrysene	9.51	Wrong peak	phama	03/04/11 12:18

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 81637

Lab Sample ID: IC 580-81637/6 Client Sample ID:

Date Analyzed: 03/04/11 11:37 Lab File ID: FT003990.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol	6.73	Assign Peak	phama	03/04/11 12:19
Pentachlorophenol	7.14	Assign Peak	phama	03/04/11 12:19
Chrysene	9.51	Wrong peak	phama	03/04/11 12:19

Lab Sample ID: ICIS 580-81637/7 Client Sample ID:

Date Analyzed: 03/04/11 11:57 Lab File ID: FT003991.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitrobenzene-d5	4.08	Assign Peak	phama	03/04/11 12:16
2,4,6-Tribromophenol	6.72	Assign Peak	phama	03/04/11 12:16
Pentachlorophenol	7.14	Baseline	phama	03/04/11 14:07
Chrysene	9.51	Wrong peak	phama	03/04/11 12:16
Benzo[b]fluoranthene	10.55	Wrong peak	phama	03/04/11 12:16
Indeno[1,2,3-cd]pyrene	12.08	Wrong peak	phama	03/04/11 12:16

Lab Sample ID: IC 580-81637/8 Client Sample ID:

Date Analyzed: 03/04/11 12:16 Lab File ID: FT003992.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitrobenzene-d5	4.08	Wrong peak	phama	03/04/11 12:54
2,4,6-Tribromophenol	6.72	Wrong peak	phama	03/04/11 12:54
Pentachlorophenol	7.14	Baseline	phama	03/04/11 14:07
Chrysene	9.51	Wrong peak	phama	03/04/11 12:54

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 81637

Lab Sample ID: IC 580-81637/9 Client Sample ID:

Date Analyzed: 03/04/11 12:36 Lab File ID: FT003993.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitrobenzene-d5	4.08	Assign Peak	phama	03/04/11 12:55

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 82194

Lab Sample ID: CCVIS 580-82194/2 Client Sample ID:

Date Analyzed: 03/14/11 08:56 Lab File ID: FT004074.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.54	Wrong peak	mckeanc	03/14/11 09:16

Lab Sample ID: LCS 580-82163/2-A Client Sample ID:

Date Analyzed: 03/14/11 09:43 Lab File ID: FT004076.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2'-oxybis[1-chloropropane]	3.84	Assign Peak	phama	03/14/11 16:52
Isophorone	4.26	Peak Tail	mckeanc	03/15/11 13:07

Lab Sample ID: LCSD 580-82163/3-A Client Sample ID:

Date Analyzed: 03/14/11 10:02 Lab File ID: FT004077.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4-Dinitrophenol	6.10	Wrong peak	phama	03/14/11 16:54

Lab Sample ID: 580-24938-4 MS Client Sample ID: YK-SB14(4-5) MS

Date Analyzed: 03/14/11 11:51 Lab File ID: FT004082.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2'-oxybis[1-chloropropane]	3.84	Wrong peak	mckeanc	03/15/11 13:16
Benzoic acid	4.35	Wrong peak	mckeanc	03/15/11 13:16
2,4-Dinitrophenol	6.10	Assign Peak	mckeanc	03/15/11 13:16

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 82194

Lab Sample ID: 580-24938-4 MSD Client Sample ID: YK-SB14(4-5) MSD

Date Analyzed: 03/14/11 12:10 Lab File ID: FT004083.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2'-oxybis[1-chloropropane]	3.83	Wrong peak	mckeanc	03/15/11 13:18
Benzoic acid	4.39	Wrong peak	mckeanc	03/15/11 13:18

Lab Sample ID: 580-24938-5 Client Sample ID: YK-SB06(0-1)

Date Analyzed: 03/14/11 13:07 Lab File ID: FT004086.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.37	Wrong peak	mckeanc	03/15/11 13:21

Lab Sample ID: 580-24938-12 Client Sample ID: YK-SB07(0-1)

Date Analyzed: 03/14/11 15:01 Lab File ID: FT004092.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[a]anthracene	9.44	Wrong peak	mckeanc	03/15/11 13:30
Chrysene	9.48	Wrong peak	mckeanc	03/15/11 13:30
Benzo[b]fluoranthene	10.52	Wrong peak	mckeanc	03/15/11 13:30
Benzo[k]fluoranthene	10.54	Wrong peak	mckeanc	03/15/11 13:30
Benzo[a]pyrene	10.84	Wrong peak	mckeanc	03/15/11 13:30

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/2 Client Sample ID:

Date Analyzed: 03/03/11 09:34 Lab File ID: CC155047.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.16	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 1	3.89	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 2	4.10	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 3	4.36	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 4	4.61	Baseline Smoothing	muirm	03/03/11 13:20
PCB-1016 Peak 5	4.82	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 1	5.84	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 2	6.02	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 3	6.31	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 4	6.79	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 5	7.07	Assign Peak	muirm	03/03/11 13:20
DCB Decachlorobiphenyl	7.87	Assign Peak	muirm	03/03/11 13:20

Lab Sample ID: IC 580-81563/2 Client Sample ID:

Date Analyzed: 03/03/11 09:34 Lab File ID: CC155047.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.90	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 2	4.10	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 3	4.40	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 4	4.66	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 5	4.85	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 1	5.89	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 2	6.12	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 3	6.35	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 4	6.87	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 5	7.09	Assign Peak	muirm	03/03/11 13:20
DCB Decachlorobiphenyl	7.90	Assign Peak	muirm	03/03/11 13:20

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/9 Client Sample ID:

Date Analyzed: 03/03/11 11:13 Lab File ID: CC155054.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:31

Lab Sample ID: IC 580-81563/10 Client Sample ID:

Date Analyzed: 03/03/11 11:27 Lab File ID: CC155055.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:31

Lab Sample ID: IC 580-81563/12 Client Sample ID:

Date Analyzed: 03/03/11 11:55 Lab File ID: CC155057.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	3.40	Incomplete Integration	muirm	03/03/11 13:32
PCB-1221 Peak 2	3.48	Incomplete Integration	muirm	03/03/11 13:32
PCB-1221 Peak 3	3.56	Incomplete Integration	muirm	03/03/11 13:32

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/12 Client Sample ID:

Date Analyzed: 03/03/11 11:55 Lab File ID: CC155057.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:32

Lab Sample ID: IC 580-81563/14 Client Sample ID:

Date Analyzed: 03/03/11 12:23 Lab File ID: CC155059.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:33

Lab Sample ID: ICV 580-81563/15 Client Sample ID:

Date Analyzed: 03/03/11 12:38 Lab File ID: CC155060.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 2	5.42	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 3	5.74	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 4	6.00	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 5	6.36	Shouldering	muirm	03/03/11 13:35

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: ICV 580-81563/22 Client Sample ID:

Date Analyzed: 03/03/11 16:20 Lab File ID: CC155072.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	3.40	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 2	3.56	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 4	4.42	Peak not integrated	muirm	03/08/11 13:28

Lab Sample ID: ICV 580-81563/22 Client Sample ID:

Date Analyzed: 03/03/11 16:20 Lab File ID: CC155072.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	3.42	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 2	3.56	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 4	4.55	Incomplete Integration	muirm	03/08/11 13:28
PCB-1232 Peak 5	4.55	Incomplete Integration	muirm	03/08/11 13:28

Lab Sample ID: IC 580-81563/30 Client Sample ID:

Date Analyzed: 03/03/11 18:13 Lab File ID: CC155080.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1268 Peak 1	7.09	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 2	7.15	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 3	7.29	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 4	7.54	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 5	7.74	Baseline Smoothing	muirm	03/08/11 10:51

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 82183

Lab Sample ID: CCV 580-82183/26 Client Sample ID:

Date Analyzed: 03/13/11 18:12 Lab File ID: CC155290.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	5.84	Baseline Smoothing	muirm	03/14/11 11:04
PCB-1260 Peak 2	6.02	Baseline Smoothing	muirm	03/14/11 11:04
PCB-1260 Peak 3	6.30	Baseline Smoothing	muirm	03/14/11 11:04
PCB-1260 Peak 4	6.78	Baseline Smoothing	muirm	03/14/11 11:04
PCB-1260 Peak 5	7.07	Baseline Smoothing	muirm	03/14/11 11:04

Lab Sample ID: 580-24938-34 Client Sample ID: YK-SB13(0-1)

Date Analyzed: 03/14/11 00:34 Lab File ID: CC155317.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	7.90	Baseline Smoothing	muirm	03/14/11 11:41

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 82198

Lab Sample ID: 580-24938-14 RE Client Sample ID: YK-MW-7(4-5) RE

Date Analyzed: 03/14/11 20:55 Lab File ID: CC155393.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	7.90	Baseline Smoothing	muirm	03/15/11 10:21

Lab Sample ID: CCV 580-82198/48 Client Sample ID:

Date Analyzed: 03/14/11 22:20 Lab File ID: CC155399.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	7.90	Baseline Smoothing	muirm	03/15/11 10:23

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 82292

Lab Sample ID: CCV 580-82292/3 Client Sample ID:

Date Analyzed: 03/15/11 10:22 Lab File ID: CC155406.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	3.40	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1221 Peak 2	3.48	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1221 Peak 3	3.56	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 1	5.18	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 2	5.33	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 3	5.71	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 4	5.92	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 5	6.30	Baseline Smoothing	muirm	03/15/11 10:39

Lab Sample ID: CCV 580-82292/3 Client Sample ID:

Date Analyzed: 03/15/11 10:22 Lab File ID: CC155406.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/15/11 10:39

Lab Sample ID: CCV 580-82292/15 Client Sample ID:

Date Analyzed: 03/15/11 13:18 Lab File ID: CC155418.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.88	Baseline Smoothing	muirm	03/15/11 13:50
PCB-1016 Peak 2	4.09	Baseline Smoothing	muirm	03/15/11 13:50
PCB-1016 Peak 3	4.36	Baseline Smoothing	muirm	03/15/11 13:50
PCB-1016 Peak 4	4.60	Baseline Smoothing	muirm	03/15/11 13:50
PCB-1016 Peak 5	4.82	Baseline Smoothing	muirm	03/15/11 13:50

SAMPLE SUMMARY

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-24938-1	YK-SB08(0-1)	Solid	03/10/2011 1530	03/12/2011 0925
580-24938-2	YK-SB08(4-5)	Solid	03/10/2011 1540	03/12/2011 0925
580-24938-3	YK-SB14(0-1)	Solid	03/10/2011 1604	03/12/2011 0925
580-24938-4	YK-SB14(4-5)	Solid	03/10/2011 1615	03/12/2011 0925
580-24938-5	YK-SB06(0-1)	Solid	03/10/2011 1640	03/12/2011 0925
580-24938-6	YK-SB06(4-5)	Solid	03/10/2011 1650	03/12/2011 0925
580-24938-7	YK-SB15(0-1)	Solid	03/10/2011 1710	03/12/2011 0925
580-24938-8	YK-SB15(4-5)	Solid	03/10/2011 1725	03/12/2011 0925
580-24938-9	YK-Methanol Blank	Solid	03/10/2011 1730	03/12/2011 0925
580-24938-10	YK-MW-6(4-5)	Solid	03/11/2011 1020	03/12/2011 0925
580-24938-11	YK-MW-6(4-5)D	Solid	03/11/2011 1021	03/12/2011 0925
580-24938-12	YK-SB07(0-1)	Solid	03/11/2011 1045	03/12/2011 0925
580-24938-13	YK-MW-7(0-1)	Solid	03/11/2011 0737	03/12/2011 0925
580-24938-14	YK-MW-7(4-5)	Solid	03/11/2011 0745	03/12/2011 0925
580-24938-15	YK-MW-5(0-1)	Solid	03/11/2011 0830	03/12/2011 0925
580-24938-16	YK-MW-5(2-3)	Solid	03/11/2011 0835	03/12/2011 0925
580-24938-17	YK-SB16(0-1)	Solid	03/11/2011 0845	03/12/2011 0925
580-24938-18	YK-SB16(3-4)	Solid	03/11/2011 0900	03/12/2011 0925
580-24938-19	YK-SB17(0-1)	Solid	03/11/2011 0920	03/12/2011 0925
580-24938-20	YK-SB17(0-1)D	Solid	03/11/2011 0921	03/12/2011 0925
580-24938-21	YK-SB17(3-4)	Solid	03/11/2011 0930	03/12/2011 0925
580-24938-22	YK-SB18(0-1)	Solid	03/11/2011 0945	03/12/2011 0925
580-24938-23	YK-SB18(3-4)	Solid	03/11/2011 0950	03/12/2011 0925
580-24938-24	YK-MW-6(0-1)	Solid	03/11/2011 1015	03/12/2011 0925
580-24938-25	YK-SB07(3-4)	Solid	03/11/2011 1055	03/12/2011 0925
580-24938-26	YK-SB01(0-1)	Solid	03/11/2011 1105	03/12/2011 0925
580-24938-27	YK-SB01(4-5)	Solid	03/11/2011 1115	03/12/2011 0925
580-24938-28	YK-SB02(0-1)	Solid	03/11/2011 1130	03/12/2011 0925
580-24938-29	YK-SB02(3-4)	Solid	03/11/2011 1140	03/12/2011 0925
580-24938-30	YK-SB03(0-1)	Solid	03/11/2011 1205	03/12/2011 0925
580-24938-31	YK-SB03(3-4)	Solid	03/11/2011 1215	03/12/2011 0925
580-24938-32	YK-SB04(0-1)	Solid	03/11/2011 1226	03/12/2011 0925
580-24938-33	YK-SB04(4-5)	Solid	03/11/2011 1230	03/12/2011 0925
580-24938-34	YK-SB13(0-1)	Solid	03/11/2011 1410	03/12/2011 0925
580-24938-35	YK-SB13(7-8)	Solid	03/11/2011 1430	03/12/2011 0925
580-24938-36	YK-SB11(0-1)	Solid	03/11/2011 1730	03/12/2011 0925
580-24938-37	YK-SB11(3-4)	Solid	03/11/2011 1750	03/12/2011 0925
580-24938-38	YK-SB12(0-1)	Solid	03/11/2011 1755	03/12/2011 0925
580-24938-39	YK-SB10(0-1)	Solid	03/11/2011 1817	03/12/2011 0925
580-24938-40	YK-Methanol Blank	Solid	03/11/2011 0630	03/12/2011 0925

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-1	**YK-SB08(0-1)**					
Diethyl phthalate		20	J B	130	ug/Kg	8270C
Arsenic		5.2		0.49	mg/Kg	6020
Antimony		0.074	J B	0.19	mg/Kg	6020
Barium		150		0.19	mg/Kg	6020
Beryllium		0.39		0.19	mg/Kg	6020
Cadmium		0.11	J	0.19	mg/Kg	6020
Chromium		10		0.19	mg/Kg	6020
Copper		20		0.19	mg/Kg	6020
Lead		13		0.19	mg/Kg	6020
Molybdenum		0.37	J	0.39	mg/Kg	6020
Nickel		9.4		0.19	mg/Kg	6020
Silver		0.12	J	0.19	mg/Kg	6020
Tin		0.49	B	0.49	mg/Kg	6020
Zinc		43		0.68	mg/Kg	6020
Mercury		0.014	J	0.020	mg/Kg	7471A
Percent Solids		79		0.10	%	Moisture
Percent Moisture		21		0.10	%	Moisture
580-24938-2	**YK-SB08(4-5)**					
Diethyl phthalate		25	J B	130	ug/Kg	8270C
Arsenic		2.0		0.55	mg/Kg	6020
Antimony		0.055	J B	0.22	mg/Kg	6020
Barium		130		0.22	mg/Kg	6020
Beryllium		0.42		0.22	mg/Kg	6020
Cadmium		0.077	J	0.22	mg/Kg	6020
Chromium		10		0.22	mg/Kg	6020
Copper		20		0.22	mg/Kg	6020
Lead		6.3		0.22	mg/Kg	6020
Molybdenum		0.35	J	0.44	mg/Kg	6020
Nickel		10		0.22	mg/Kg	6020
Silver		0.14	J	0.22	mg/Kg	6020
Tin		0.45	J B	0.55	mg/Kg	6020
Zinc		43		0.77	mg/Kg	6020
Mercury		0.011	J	0.016	mg/Kg	7471A
Percent Solids		76		0.10	%	Moisture
Percent Moisture		24		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-3	**YK-SB14(0-1)**					
Diethyl phthalate		57	J B	130	ug/Kg	8270C
Arsenic		3.1		0.49	mg/Kg	6020
Antimony		0.066	J B	0.20	mg/Kg	6020
Barium		110		0.20	mg/Kg	6020
Beryllium		0.32		0.20	mg/Kg	6020
Cadmium		0.094	J	0.20	mg/Kg	6020
Chromium		10		0.20	mg/Kg	6020
Copper		19		0.20	mg/Kg	6020
Lead		12		0.20	mg/Kg	6020
Molybdenum		0.28	J	0.39	mg/Kg	6020
Nickel		8.3		0.20	mg/Kg	6020
Silver		0.11	J	0.20	mg/Kg	6020
Tin		0.47	J B	0.49	mg/Kg	6020
Zinc		45		0.69	mg/Kg	6020
Mercury		0.016	J	0.018	mg/Kg	7471A
Percent Solids		76		0.10	%	Moisture
Percent Moisture		24		0.10	%	Moisture
580-24938-4	**YK-SB14(4-5)**					
Tetrachloroethene		5.4	J B	15	ug/Kg	8260B
Arsenic		3.2		0.64	mg/Kg	6020
Antimony		0.065	J B	0.26	mg/Kg	6020
Barium		140		0.26	mg/Kg	6020
Beryllium		0.44		0.26	mg/Kg	6020
Cadmium		0.069	J	0.26	mg/Kg	6020
Chromium		11		0.26	mg/Kg	6020
Copper		19		0.26	mg/Kg	6020
Lead		4.0		0.26	mg/Kg	6020
Molybdenum		0.32	J	0.51	mg/Kg	6020
Nickel		8.5		0.26	mg/Kg	6020
Silver		0.13	J	0.26	mg/Kg	6020
Tin		0.48	J B	0.64	mg/Kg	6020
Zinc		40		0.90	mg/Kg	6020
Mercury		0.011	J	0.020	mg/Kg	7471A
Percent Solids		68		0.10	%	Moisture
Percent Moisture		32		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-5	**YK-SB06(0-1)**					
Arsenic		2.0		0.55	mg/Kg	6020
Antimony		0.062	J B	0.22	mg/Kg	6020
Barium		98		0.22	mg/Kg	6020
Beryllium		0.33		0.22	mg/Kg	6020
Cadmium		0.088	J	0.22	mg/Kg	6020
Chromium		9.3		0.22	mg/Kg	6020
Copper		19		0.22	mg/Kg	6020
Lead		9.5		0.22	mg/Kg	6020
Molybdenum		0.34	J	0.44	mg/Kg	6020
Nickel		8.2		0.22	mg/Kg	6020
Silver		0.11	J	0.22	mg/Kg	6020
Tin		0.52	J B	0.55	mg/Kg	6020
Zinc		42		0.77	mg/Kg	6020
Mercury		0.023		0.020	mg/Kg	7471A
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
580-24938-6	**YK-SB06(4-5)**					
Arsenic		1.5		0.55	mg/Kg	6020
Antimony		0.073	J B	0.22	mg/Kg	6020
Barium		150		0.22	mg/Kg	6020
Beryllium		0.57		0.22	mg/Kg	6020
Cadmium		0.081	J	0.22	mg/Kg	6020
Chromium		16		0.22	mg/Kg	6020
Copper		23		0.22	mg/Kg	6020
Lead		5.7		0.22	mg/Kg	6020
Molybdenum		0.32	J	0.44	mg/Kg	6020
Nickel		11		0.22	mg/Kg	6020
Silver		0.15	J	0.22	mg/Kg	6020
Tin		0.65	B	0.55	mg/Kg	6020
Zinc		55		0.77	mg/Kg	6020
Mercury		0.011	J	0.020	mg/Kg	7471A
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-7	**YK-SB15(0-1)**					
Arsenic		2.7		0.47	mg/Kg	6020
Antimony		0.051	J B	0.19	mg/Kg	6020
Barium		110		0.19	mg/Kg	6020
Beryllium		0.40		0.19	mg/Kg	6020
Cadmium		0.070	J	0.19	mg/Kg	6020
Chromium		11		0.19	mg/Kg	6020
Copper		17		0.19	mg/Kg	6020
Lead		11		0.19	mg/Kg	6020
Molybdenum		0.33	J	0.38	mg/Kg	6020
Nickel		8.0		0.19	mg/Kg	6020
Silver		0.13	J	0.19	mg/Kg	6020
Tin		0.48	B	0.47	mg/Kg	6020
Zinc		45		0.66	mg/Kg	6020
Mercury		0.0094	J	0.016	mg/Kg	7471A
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture
580-24938-8	**YK-SB15(4-5)**					
Arsenic		2.8		0.42	mg/Kg	6020
Antimony		0.065	J B	0.17	mg/Kg	6020
Barium		130		0.17	mg/Kg	6020
Beryllium		0.47		0.17	mg/Kg	6020
Cadmium		0.073	J	0.17	mg/Kg	6020
Chromium		16		0.17	mg/Kg	6020
Copper		20		0.17	mg/Kg	6020
Lead		5.0		0.17	mg/Kg	6020
Molybdenum		0.40		0.33	mg/Kg	6020
Nickel		12		0.17	mg/Kg	6020
Silver		0.14	J	0.17	mg/Kg	6020
Tin		0.57	B	0.42	mg/Kg	6020
Zinc		48		0.59	mg/Kg	6020
Mercury		0.013	J	0.014	mg/Kg	7471A
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-10	**YK-MW-6(4-5)**					
Arsenic		3.0		0.50	mg/Kg	6020
Antimony		0.069	J B	0.20	mg/Kg	6020
Barium		140		0.20	mg/Kg	6020
Beryllium		0.48		0.20	mg/Kg	6020
Cadmium		0.062	J	0.20	mg/Kg	6020
Chromium		14		0.20	mg/Kg	6020
Copper		19		0.20	mg/Kg	6020
Lead		7.0		0.20	mg/Kg	6020
Molybdenum		0.40		0.40	mg/Kg	6020
Nickel		10		0.20	mg/Kg	6020
Silver		0.15	J	0.20	mg/Kg	6020
Tin		0.55	B	0.50	mg/Kg	6020
Zinc		47		0.70	mg/Kg	6020
Mercury		0.011	J	0.020	mg/Kg	7471A
Percent Solids		76		0.10	%	Moisture
Percent Moisture		24		0.10	%	Moisture
580-24938-11	**YK-MW-6(4-5)D**					
Arsenic		3.0		0.61	mg/Kg	6020
Antimony		0.075	J B	0.25	mg/Kg	6020
Barium		130		0.25	mg/Kg	6020
Beryllium		0.52		0.25	mg/Kg	6020
Cadmium		0.063	J	0.25	mg/Kg	6020
Chromium		13		0.25	mg/Kg	6020
Copper		20		0.25	mg/Kg	6020
Lead		8.6		0.25	mg/Kg	6020
Molybdenum		0.38	J	0.49	mg/Kg	6020
Nickel		9.8		0.25	mg/Kg	6020
Silver		0.17	J	0.25	mg/Kg	6020
Tin		0.61	B	0.61	mg/Kg	6020
Zinc		44		0.86	mg/Kg	6020
Mercury		0.013	J	0.018	mg/Kg	7471A
Percent Solids		70		0.10	%	Moisture
Percent Moisture		30		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-12	**YK-SB07(0-1)**					
Fluoranthene		18	J	26	ug/Kg	8270C
Benzo[a]anthracene		11	J	33	ug/Kg	8270C
Chrysene		10	J	33	ug/Kg	8270C
Benzo[a]pyrene		13	J	39	ug/Kg	8270C
Benzo[g,h,i]perylene		11	J	33	ug/Kg	8270C
Benzo[b]fluoranthene		20	J	26	ug/Kg	8270C
Benzo[k]fluoranthene		9.4	J	33	ug/Kg	8270C
Arsenic		2.1		0.54	mg/Kg	6020
Antimony		0.088	J B	0.22	mg/Kg	6020
Barium		120		0.22	mg/Kg	6020
Beryllium		0.47		0.22	mg/Kg	6020
Cadmium		0.18	J	0.22	mg/Kg	6020
Chromium		14		0.22	mg/Kg	6020
Copper		23		0.22	mg/Kg	6020
Lead		14		0.22	mg/Kg	6020
Molybdenum		0.51		0.43	mg/Kg	6020
Nickel		11		0.22	mg/Kg	6020
Silver		0.17	J	0.22	mg/Kg	6020
Tin		0.63	B	0.54	mg/Kg	6020
Zinc		60		0.75	mg/Kg	6020
Mercury		0.024		0.019	mg/Kg	7471A
Percent Solids		75		0.10	%	Moisture
Percent Moisture		25		0.10	%	Moisture
580-24938-13	**YK-MW-7(0-1)**					
Arsenic		3.0		0.53	mg/Kg	6020
Antimony		0.066	J B	0.21	mg/Kg	6020
Barium		120		0.21	mg/Kg	6020
Beryllium		0.45		0.21	mg/Kg	6020
Cadmium		0.094	J	0.21	mg/Kg	6020
Chromium		12		0.21	mg/Kg	6020
Copper		19		0.21	mg/Kg	6020
Lead		11		0.21	mg/Kg	6020
Molybdenum		0.40	J	0.42	mg/Kg	6020
Nickel		8.5		0.21	mg/Kg	6020
Silver		0.14	J	0.21	mg/Kg	6020
Tin		0.50	J B	0.53	mg/Kg	6020
Zinc		50		0.74	mg/Kg	6020
Mercury		0.018		0.018	mg/Kg	7471A
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-14	**YK-MW-7(4-5)**					
Arsenic		3.0		0.51	mg/Kg	6020
Antimony		0.077	J B	0.20	mg/Kg	6020
Barium		150		0.20	mg/Kg	6020
Beryllium		0.53		0.20	mg/Kg	6020
Cadmium		0.060	J	0.20	mg/Kg	6020
Chromium		17		0.20	mg/Kg	6020
Copper		22		0.20	mg/Kg	6020
Lead		5.8		0.20	mg/Kg	6020
Molybdenum		0.62		0.41	mg/Kg	6020
Nickel		13		0.20	mg/Kg	6020
Silver		0.15	J	0.20	mg/Kg	6020
Tin		0.63	B	0.51	mg/Kg	6020
Zinc		50		0.71	mg/Kg	6020
Mercury		0.014	J	0.018	mg/Kg	7471A
Percent Solids		75		0.10	%	Moisture
Percent Moisture		25		0.10	%	Moisture
580-24938-15	**YK-MW-5(0-1)**					
Chloroform		12	J B	28	ug/Kg	8260B
Arsenic		1.4		0.60	mg/Kg	6020
Antimony		0.052	J B	0.24	mg/Kg	6020
Barium		110		0.24	mg/Kg	6020
Beryllium		0.39		0.24	mg/Kg	6020
Cadmium		0.085	J	0.24	mg/Kg	6020
Chromium		11		0.24	mg/Kg	6020
Copper		19		0.24	mg/Kg	6020
Lead		5.2		0.24	mg/Kg	6020
Molybdenum		0.34	J	0.48	mg/Kg	6020
Nickel		8.2		0.24	mg/Kg	6020
Silver		0.15	J	0.24	mg/Kg	6020
Tin		0.46	J B	0.60	mg/Kg	6020
Zinc		48		0.84	mg/Kg	6020
Mercury		0.011	J	0.014	mg/Kg	7471A
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-16	**YK-MW-5(2-3)**					
Chloroform		11	J B	25	ug/Kg	8260B
Arsenic		1.7		0.67	mg/Kg	6020
Antimony		0.072	J B	0.27	mg/Kg	6020
Barium		160		0.27	mg/Kg	6020
Beryllium		0.56		0.27	mg/Kg	6020
Cadmium		0.077	J	0.27	mg/Kg	6020
Chromium		17		0.27	mg/Kg	6020
Copper		25		0.27	mg/Kg	6020
Lead		5.8		0.27	mg/Kg	6020
Molybdenum		0.38	J	0.53	mg/Kg	6020
Nickel		13		0.27	mg/Kg	6020
Silver		0.17	J	0.27	mg/Kg	6020
Tin		0.66	J B	0.67	mg/Kg	6020
Zinc		53		0.94	mg/Kg	6020
Mercury		0.016	J	0.021	mg/Kg	7471A
Percent Solids		75		0.10	%	Moisture
Percent Moisture		25		0.10	%	Moisture
580-24938-17	**YK-SB16(0-1)**					
Chloroform		11	J B	29	ug/Kg	8260B
Arsenic		2.8		0.52	mg/Kg	6020
Antimony		0.057	J B	0.21	mg/Kg	6020
Barium		130		0.21	mg/Kg	6020
Beryllium		0.40		0.21	mg/Kg	6020
Cadmium		0.071	J	0.21	mg/Kg	6020
Chromium		11		0.21	mg/Kg	6020
Copper		21		0.21	mg/Kg	6020
Lead		4.2		0.21	mg/Kg	6020
Molybdenum		0.29	J	0.42	mg/Kg	6020
Nickel		9.9		0.21	mg/Kg	6020
Silver		0.15	J	0.21	mg/Kg	6020
Tin		0.49	J B	0.52	mg/Kg	6020
Zinc		39		0.73	mg/Kg	6020
Mercury		0.020		0.015	mg/Kg	7471A
Percent Solids		74		0.10	%	Moisture
Percent Moisture		26		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-18	**YK-SB16(3-4)**					
Chloroform		11	J B	28	ug/Kg	8260B
Arsenic		1.7		0.48	mg/Kg	6020
Antimony		0.056	J B	0.19	mg/Kg	6020
Barium		160		0.19	mg/Kg	6020
Beryllium		0.59		0.19	mg/Kg	6020
Cadmium		0.073	J	0.19	mg/Kg	6020
Chromium		17		0.19	mg/Kg	6020
Copper		23		0.19	mg/Kg	6020
Lead		5.4		0.19	mg/Kg	6020
Molybdenum		0.34	J	0.38	mg/Kg	6020
Nickel		12		0.19	mg/Kg	6020
Silver		0.15	J	0.19	mg/Kg	6020
Tin		0.63	B	0.48	mg/Kg	6020
Zinc		51		0.67	mg/Kg	6020
Mercury		0.015		0.014	mg/Kg	7471A
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture
580-24938-19	**YK-SB17(0-1)**					
Chloroform		14	J B	32	ug/Kg	8260B
Arsenic		2.5		0.45	mg/Kg	6020
Antimony		0.060	J B	0.18	mg/Kg	6020
Barium		120		0.18	mg/Kg	6020
Beryllium		0.40		0.18	mg/Kg	6020
Cadmium		0.088	J	0.18	mg/Kg	6020
Chromium		11		0.18	mg/Kg	6020
Copper		19		0.18	mg/Kg	6020
Lead		7.4		0.18	mg/Kg	6020
Molybdenum		0.39		0.36	mg/Kg	6020
Nickel		8.4		0.18	mg/Kg	6020
Silver		0.14	J	0.18	mg/Kg	6020
Tin		0.47	B	0.45	mg/Kg	6020
Zinc		43		0.63	mg/Kg	6020
Mercury		0.011	J	0.021	mg/Kg	7471A
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-20	**YK-SB17(0-1)D**					
Chloroform		13	J B	29	ug/Kg	8260B
PCB-1254		0.029		0.012	mg/Kg	8082
Arsenic		2.8		0.39	mg/Kg	6020
Antimony		0.071	J B	0.16	mg/Kg	6020
Barium		120		0.16	mg/Kg	6020
Beryllium		0.40		0.16	mg/Kg	6020
Cadmium		0.091	J	0.16	mg/Kg	6020
Chromium		12		0.16	mg/Kg	6020
Copper		20		0.16	mg/Kg	6020
Lead		13		0.16	mg/Kg	6020
Molybdenum		0.38		0.31	mg/Kg	6020
Nickel		8.5		0.16	mg/Kg	6020
Silver		0.12	J	0.16	mg/Kg	6020
Tin		0.62	B	0.39	mg/Kg	6020
Zinc		47		0.54	mg/Kg	6020
Mercury		0.013	J	0.017	mg/Kg	7471A
Percent Solids		79		0.10	%	Moisture
Percent Moisture		21		0.10	%	Moisture
580-24938-21	**YK-SB17(3-4)**					
Chlorobenzene		18	J * ^	37	ug/Kg	8260B
Arsenic		2.2		0.62	mg/Kg	6020
Antimony		0.068	J	0.25	mg/Kg	6020
Barium		110	B	0.25	mg/Kg	6020
Beryllium		0.45		0.25	mg/Kg	6020
Cadmium		0.053	J	0.25	mg/Kg	6020
Chromium		12		0.25	mg/Kg	6020
Copper		21		0.25	mg/Kg	6020
Lead		4.7		0.25	mg/Kg	6020
Molybdenum		0.35	J	0.49	mg/Kg	6020
Nickel		9.2		0.25	mg/Kg	6020
Silver		0.15	J	0.25	mg/Kg	6020
Tin		0.59	J B	0.62	mg/Kg	6020
Zinc		41	B	0.86	mg/Kg	6020
Mercury		0.013	J	0.022	mg/Kg	7471A
Percent Solids		69		0.10	%	Moisture
Percent Moisture		31		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-22	**YK-SB18(0-1)**					
Chlorobenzene		11	J *	27	ug/Kg	8260B
Phenanthrene		6.8	J	25	ug/Kg	8270C
Arsenic		3.3		0.44	mg/Kg	6020
Antimony		0.24		0.18	mg/Kg	6020
Barium		120	B	0.18	mg/Kg	6020
Beryllium		0.39		0.18	mg/Kg	6020
Cadmium		0.65		0.18	mg/Kg	6020
Chromium		24		0.18	mg/Kg	6020
Copper		43		0.18	mg/Kg	6020
Lead		81		0.18	mg/Kg	6020
Molybdenum		2.2		0.35	mg/Kg	6020
Nickel		9.5		0.18	mg/Kg	6020
Silver		0.14	J	0.18	mg/Kg	6020
Tin		0.65	B	0.44	mg/Kg	6020
Zinc		59	B	0.61	mg/Kg	6020
Mercury		0.015		0.014	mg/Kg	7471A
Percent Solids		79		0.10	%	Moisture
Percent Moisture		21		0.10	%	Moisture
580-24938-23	**YK-SB18(3-4)**					
Arsenic		2.2		0.47	mg/Kg	6020
Antimony		0.075	J	0.19	mg/Kg	6020
Barium		160	B	0.19	mg/Kg	6020
Beryllium		0.54		0.19	mg/Kg	6020
Cadmium		0.069	J	0.19	mg/Kg	6020
Chromium		17		0.19	mg/Kg	6020
Copper		22		0.19	mg/Kg	6020
Lead		5.2		0.19	mg/Kg	6020
Molybdenum		0.44		0.37	mg/Kg	6020
Nickel		12		0.19	mg/Kg	6020
Silver		0.14	J	0.19	mg/Kg	6020
Tin		0.62	B	0.47	mg/Kg	6020
Zinc		47	B	0.65	mg/Kg	6020
Mercury		0.018	J	0.020	mg/Kg	7471A
Percent Solids		76		0.10	%	Moisture
Percent Moisture		24		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-24	**YK-MW-6(0-1)**					
Fluoranthene		9.7	J	25	ug/Kg	8270C
Pyrene		8.3	J	25	ug/Kg	8270C
Benzo[a]anthracene		7.9	J	31	ug/Kg	8270C
Chrysene		8.4	J	31	ug/Kg	8270C
Benzo[a]pyrene		6.9	J	37	ug/Kg	8270C
Benzo[b]fluoranthene		11	J	25	ug/Kg	8270C
Arsenic		4.0		0.60	mg/Kg	6020
Antimony		0.94		0.24	mg/Kg	6020
Barium		120	B	0.24	mg/Kg	6020
Beryllium		0.46		0.24	mg/Kg	6020
Cadmium		0.49		0.24	mg/Kg	6020
Chromium		24		0.24	mg/Kg	6020
Copper		39		0.24	mg/Kg	6020
Lead		59		0.24	mg/Kg	6020
Molybdenum		1.2		0.48	mg/Kg	6020
Nickel		15		0.24	mg/Kg	6020
Silver		0.25		0.24	mg/Kg	6020
Tin		0.95	B	0.60	mg/Kg	6020
Zinc		81	B	0.85	mg/Kg	6020
Mercury		0.033		0.015	mg/Kg	7471A
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture
580-24938-25	**YK-SB07(3-4)**					
Arsenic		1.9		0.60	mg/Kg	6020
Antimony		0.071	J	0.24	mg/Kg	6020
Barium		160	B	0.24	mg/Kg	6020
Beryllium		0.48		0.24	mg/Kg	6020
Cadmium		0.072	J	0.24	mg/Kg	6020
Chromium		12		0.24	mg/Kg	6020
Copper		22		0.24	mg/Kg	6020
Lead		5.3		0.24	mg/Kg	6020
Molybdenum		0.54		0.48	mg/Kg	6020
Nickel		11		0.24	mg/Kg	6020
Silver		0.17	J	0.24	mg/Kg	6020
Tin		0.61	B	0.60	mg/Kg	6020
Zinc		43	B	0.85	mg/Kg	6020
Mercury		0.061		0.022	mg/Kg	7471A
Percent Solids		75		0.10	%	Moisture
Percent Moisture		25		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-26	**YK-SB01(0-1)**					
2-Methylnaphthalene		9.2	J	24	ug/Kg	8270C
Phenanthrene		13	J	24	ug/Kg	8270C
Fluoranthene		19	J	24	ug/Kg	8270C
Pyrene		24		24	ug/Kg	8270C
Benzo[a]anthracene		16	J	30	ug/Kg	8270C
Chrysene		42		30	ug/Kg	8270C
Benzo[a]pyrene		18	J	36	ug/Kg	8270C
Benzo[g,h,i]perylene		14	J	30	ug/Kg	8270C
1-Methylnaphthalene		12	J	36	ug/Kg	8270C
PCB-1260		0.026		0.012	mg/Kg	8082
Arsenic		1.7		0.51	mg/Kg	6020
Antimony		0.084	J	0.20	mg/Kg	6020
Barium		96	B	0.20	mg/Kg	6020
Beryllium		0.30		0.20	mg/Kg	6020
Cadmium		0.12	J	0.20	mg/Kg	6020
Chromium		18		0.20	mg/Kg	6020
Copper		28		0.20	mg/Kg	6020
Lead		18		0.20	mg/Kg	6020
Molybdenum		0.70		0.41	mg/Kg	6020
Nickel		13		0.20	mg/Kg	6020
Silver		0.14	J	0.20	mg/Kg	6020
Tin		0.52	B	0.51	mg/Kg	6020
Zinc		42	B	0.71	mg/Kg	6020
Mercury		0.029		0.016	mg/Kg	7471A
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture
580-24938-27	**YK-SB01(4-5)**					
Arsenic		2.6		0.46	mg/Kg	6020
Antimony		0.065	J	0.18	mg/Kg	6020
Barium		150	B	0.18	mg/Kg	6020
Beryllium		0.48		0.18	mg/Kg	6020
Cadmium		0.085	J	0.18	mg/Kg	6020
Chromium		11		0.18	mg/Kg	6020
Copper		19		0.18	mg/Kg	6020
Lead		7.2		0.18	mg/Kg	6020
Molybdenum		0.47		0.37	mg/Kg	6020
Nickel		8.7		0.18	mg/Kg	6020
Silver		0.12	J	0.18	mg/Kg	6020
Tin		0.53	B	0.46	mg/Kg	6020
Zinc		50	B	0.64	mg/Kg	6020
Mercury		0.010	J	0.014	mg/Kg	7471A
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-28	**YK-SB02(0-1)**					
Arsenic		3.8		0.47	mg/Kg	6020
Antimony		0.076	J	0.19	mg/Kg	6020
Barium		150	B	0.19	mg/Kg	6020
Beryllium		0.39		0.19	mg/Kg	6020
Cadmium		0.079	J	0.19	mg/Kg	6020
Chromium		11		0.19	mg/Kg	6020
Copper		17		0.19	mg/Kg	6020
Lead		11		0.19	mg/Kg	6020
Molybdenum		0.44		0.38	mg/Kg	6020
Nickel		8.7		0.19	mg/Kg	6020
Silver		0.13	J	0.19	mg/Kg	6020
Tin		0.48	B	0.47	mg/Kg	6020
Zinc		47	B	0.66	mg/Kg	6020
Mercury		0.010	J	0.017	mg/Kg	7471A
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
580-24938-29	**YK-SB02(3-4)**					
Arsenic		1.1		0.39	mg/Kg	6020
Antimony		0.053	J	0.15	mg/Kg	6020
Barium		130	B	0.15	mg/Kg	6020
Beryllium		0.39		0.15	mg/Kg	6020
Cadmium		0.068	J	0.15	mg/Kg	6020
Chromium		9.2		0.15	mg/Kg	6020
Copper		15		0.15	mg/Kg	6020
Lead		4.4		0.15	mg/Kg	6020
Molybdenum		0.31		0.31	mg/Kg	6020
Nickel		7.8		0.15	mg/Kg	6020
Silver		0.11	J	0.15	mg/Kg	6020
Tin		0.46	B	0.39	mg/Kg	6020
Zinc		41	B	0.54	mg/Kg	6020
Mercury		0.0070	J	0.019	mg/Kg	7471A
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-30	**YK-SB03(0-1)**					
Arsenic		2.8		0.51	mg/Kg	6020
Antimony		0.076	J	0.21	mg/Kg	6020
Barium		130	B	0.21	mg/Kg	6020
Beryllium		0.42		0.21	mg/Kg	6020
Cadmium		0.085	J	0.21	mg/Kg	6020
Chromium		11		0.21	mg/Kg	6020
Copper		21		0.21	mg/Kg	6020
Lead		10		0.21	mg/Kg	6020
Molybdenum		0.45		0.41	mg/Kg	6020
Nickel		8.5		0.21	mg/Kg	6020
Silver		0.13	J	0.21	mg/Kg	6020
Tin		0.51	B	0.51	mg/Kg	6020
Zinc		50	B	0.72	mg/Kg	6020
Mercury		0.012	J	0.014	mg/Kg	7471A
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture
580-24938-31	**YK-SB03(3-4)**					
Tetrachloroethene		5.2	J B	16	ug/Kg	8260B
Arsenic		1.8		0.60	mg/Kg	6020
Antimony		0.068	J	0.24	mg/Kg	6020
Barium		190	B	0.24	mg/Kg	6020
Beryllium		0.50		0.24	mg/Kg	6020
Cadmium		0.074	J	0.24	mg/Kg	6020
Chromium		11		0.24	mg/Kg	6020
Copper		18		0.24	mg/Kg	6020
Lead		5.0		0.24	mg/Kg	6020
Molybdenum		0.37	J	0.48	mg/Kg	6020
Nickel		9.2		0.24	mg/Kg	6020
Silver		0.17	J	0.24	mg/Kg	6020
Tin		0.53	J B	0.60	mg/Kg	6020
Zinc		44	B	0.84	mg/Kg	6020
Mercury		0.0096	J	0.018	mg/Kg	7471A
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-32	**YK-SB04(0-1)**					
Arsenic		3.9		0.42	mg/Kg	6020
Antimony		0.45		0.17	mg/Kg	6020
Barium		160	B	0.17	mg/Kg	6020
Beryllium		0.48		0.17	mg/Kg	6020
Cadmium		0.14	J	0.17	mg/Kg	6020
Chromium		12		0.17	mg/Kg	6020
Copper		21		0.17	mg/Kg	6020
Lead		25		0.17	mg/Kg	6020
Molybdenum		0.37		0.33	mg/Kg	6020
Nickel		8.8		0.17	mg/Kg	6020
Silver		0.15	J	0.17	mg/Kg	6020
Tin		0.74	B	0.42	mg/Kg	6020
Zinc		82	B	0.58	mg/Kg	6020
Mercury		0.020		0.013	mg/Kg	7471A
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
580-24938-33	**YK-SB04(4-5)**					
Arsenic		2.3		0.64	mg/Kg	6020
Antimony		0.094	J	0.26	mg/Kg	6020
Barium		150	B	0.26	mg/Kg	6020
Beryllium		0.49		0.26	mg/Kg	6020
Cadmium		0.090	J	0.26	mg/Kg	6020
Chromium		12		0.26	mg/Kg	6020
Copper		25		0.26	mg/Kg	6020
Lead		7.4		0.26	mg/Kg	6020
Molybdenum		0.40	J	0.51	mg/Kg	6020
Nickel		10		0.26	mg/Kg	6020
Silver		0.14	J	0.26	mg/Kg	6020
Tin		0.56	J B	0.64	mg/Kg	6020
Zinc		50	B	0.89	mg/Kg	6020
Mercury		0.013	J	0.015	mg/Kg	7471A
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-34	**YK-SB13(0-1)**					
2-Methylnaphthalene		23		21	ug/Kg	8270C
Phenanthrene		7.7	J	21	ug/Kg	8270C
Benzo[g,h,i]perylene		16	J	26	ug/Kg	8270C
1-Methylnaphthalene		14	J	31	ug/Kg	8270C
Arsenic		4.3		0.52	mg/Kg	6020
Antimony		0.095	J	0.21	mg/Kg	6020
Barium		63	B	0.21	mg/Kg	6020
Beryllium		0.25		0.21	mg/Kg	6020
Cadmium		0.084	J	0.21	mg/Kg	6020
Chromium		11		0.21	mg/Kg	6020
Copper		19		0.21	mg/Kg	6020
Lead		19		0.21	mg/Kg	6020
Molybdenum		0.66		0.42	mg/Kg	6020
Nickel		11		0.21	mg/Kg	6020
Silver		0.084	J	0.21	mg/Kg	6020
Tin		0.50	J B	0.52	mg/Kg	6020
Zinc		42	B	0.73	mg/Kg	6020
Mercury		0.041		0.016	mg/Kg	7471A
Percent Solids		92		0.10	%	Moisture
Percent Moisture		8.3		0.10	%	Moisture
580-24938-35	**YK-SB13(7-8)**					
Arsenic		2.3		0.64	mg/Kg	6020
Antimony		0.11	J	0.25	mg/Kg	6020
Barium		130	B	0.25	mg/Kg	6020
Beryllium		0.67		0.25	mg/Kg	6020
Cadmium		0.080	J	0.25	mg/Kg	6020
Chromium		16		0.25	mg/Kg	6020
Copper		25		0.25	mg/Kg	6020
Lead		7.7		0.25	mg/Kg	6020
Molybdenum		0.34	J	0.51	mg/Kg	6020
Nickel		12		0.25	mg/Kg	6020
Silver		0.16	J	0.25	mg/Kg	6020
Tin		0.67	B	0.64	mg/Kg	6020
Zinc		51	B	0.89	mg/Kg	6020
Mercury		0.013	J	0.021	mg/Kg	7471A
Percent Solids		78		0.10	%	Moisture
Percent Moisture		22		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-36	**YK-SB11(0-1)**					
Methylene Chloride		41		14	ug/Kg	8260B
trans-1,2-Dichloroethene		6.3	J	14	ug/Kg	8260B
Trichloroethene		11		5.5	ug/Kg	8260B
Arsenic		8.5		0.51	mg/Kg	6020
Antimony		0.092	J	0.21	mg/Kg	6020
Barium		51	B	0.21	mg/Kg	6020
Beryllium		0.19	J	0.21	mg/Kg	6020
Cadmium		0.067	J	0.21	mg/Kg	6020
Chromium		13		0.21	mg/Kg	6020
Copper		18		0.21	mg/Kg	6020
Lead		35		0.21	mg/Kg	6020
Molybdenum		0.53		0.41	mg/Kg	6020
Nickel		17		0.21	mg/Kg	6020
Silver		0.076	J	0.21	mg/Kg	6020
Tin		0.48	J B	0.51	mg/Kg	6020
Zinc		36	B	0.72	mg/Kg	6020
Mercury		0.021		0.014	mg/Kg	7471A
Percent Solids		97		0.10	%	Moisture
Percent Moisture		2.9		0.10	%	Moisture
580-24938-37	**YK-SB11(3-4)**					
Methylene Chloride		46		31	ug/Kg	8260B
trans-1,2-Dichloroethene		8.0	J	31	ug/Kg	8260B
Trichloroethene		16		12	ug/Kg	8260B
Arsenic		57		0.44	mg/Kg	6020
Antimony		0.23		0.18	mg/Kg	6020
Barium		73	B	0.18	mg/Kg	6020
Beryllium		0.29		0.18	mg/Kg	6020
Cadmium		0.071	J	0.18	mg/Kg	6020
Chromium		14		0.18	mg/Kg	6020
Copper		21		0.18	mg/Kg	6020
Lead		260		0.18	mg/Kg	6020
Molybdenum		0.80		0.35	mg/Kg	6020
Nickel		16		0.18	mg/Kg	6020
Silver		0.20		0.18	mg/Kg	6020
Tin		3.9	B	0.44	mg/Kg	6020
Zinc		58	B	0.62	mg/Kg	6020
Mercury		0.032		0.012	mg/Kg	7471A
Percent Solids		93		0.10	%	Moisture
Percent Moisture		7.0		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24938-38	**YK-SB12(0-1)**					
Trichloroethene		2.7	J	11	ug/Kg	8260B
Tetrachloroethene		8.5	J B	14	ug/Kg	8260B
2-Methylnaphthalene		7.9	J	21	ug/Kg	8270C
Fluoranthene		6.1	J	21	ug/Kg	8270C
1-Methylnaphthalene		9.5	J	32	ug/Kg	8270C
Arsenic		3.0		0.48	mg/Kg	6020
Antimony		0.074	J	0.19	mg/Kg	6020
Barium		45	B	0.19	mg/Kg	6020
Beryllium		0.20		0.19	mg/Kg	6020
Cadmium		0.056	J	0.19	mg/Kg	6020
Chromium		6.6		0.19	mg/Kg	6020
Copper		19		0.19	mg/Kg	6020
Lead		11		0.19	mg/Kg	6020
Molybdenum		0.35	J	0.38	mg/Kg	6020
Nickel		7.3		0.19	mg/Kg	6020
Silver		0.084	J	0.19	mg/Kg	6020
Tin		0.44	J B	0.48	mg/Kg	6020
Zinc		30	B	0.67	mg/Kg	6020
Mercury		0.043		0.013	mg/Kg	7471A
Percent Solids		93		0.10	%	Moisture
Percent Moisture		7.1		0.10	%	Moisture
580-24938-39	**YK-SB10(0-1)**					
Trichloroethene		8.1		6.1	ug/Kg	8260B
Arsenic		25		0.45	mg/Kg	6020
Antimony		0.13	J	0.18	mg/Kg	6020
Barium		63	B	0.18	mg/Kg	6020
Beryllium		0.21		0.18	mg/Kg	6020
Cadmium		0.068	J	0.18	mg/Kg	6020
Chromium		14		0.18	mg/Kg	6020
Copper		21		0.18	mg/Kg	6020
Lead		130		0.18	mg/Kg	6020
Molybdenum		0.58		0.36	mg/Kg	6020
Nickel		18		0.18	mg/Kg	6020
Silver		0.076	J	0.18	mg/Kg	6020
Tin		0.53	B	0.45	mg/Kg	6020
Zinc		43	B	0.62	mg/Kg	6020
Mercury		0.027		0.016	mg/Kg	7471A
Percent Solids		97		0.10	%	Moisture
Percent Moisture		3.0		0.10	%	Moisture

METHOD SUMMARY

Client: MWH Americas Inc

Job Number: 580-24938-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL SEA	SW846 8260B	
Closed System Purge and Trap	TAL SEA		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL SEA	SW846 8270C	
Ultrasonic Extraction	TAL SEA		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SEA	SW846 8082	
Ultrasonic Extraction	TAL SEA		SW846 3550B
Metals (ICP/MS)	TAL SEA	SW846 6020	
Preparation, Metals	TAL SEA		SW846 3050B
Mercury (CVAA)	TAL SEA	SW846 7471A	
Preparation, Mercury	TAL SEA		SW846 7471A
Percent Moisture	TAL SEA	EPA Moisture	

Lab References:

TAL SEA = TestAmerica Seattle

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(0-1)**

Lab Sample ID: 580-24938-1 | Date Sampled: 03/10/2011 1530
Client Matrix: Solid | % Moisture: 20.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134483.D
Dilution:	1.0			Initial Weight/Volume:	17.03 g
Date Analyzed:	03/12/2011 2024			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.5	30
Chloromethane		ND		75	300
Vinyl chloride		ND		1.5	6.0
Bromomethane		ND		26	100
Chloroethane		ND		75	300
Trichlorofluoromethane		ND		7.5	30
1,1-Dichloroethene		ND		3.7	15
Methylene Chloride		ND		7.5	30
trans-1,2-Dichloroethene		ND		7.5	30
1,1-Dichloroethane		ND		7.5	30
2,2-Dichloropropane		ND		7.5	30
cis-1,2-Dichloroethene		ND		7.5	30
Chlorobromomethane		ND		9.0	30
Chloroform		ND		7.5	30
1,1,1-Trichloroethane		ND		7.5	30
Carbon tetrachloride		ND		3.7	15
1,1-Dichloropropene		ND		7.5	30
Benzene		ND		3.0	12
1,2-Dichloroethane		ND		7.5	30
Trichloroethene		ND		3.0	12
1,2-Dichloropropane		ND		2.9	9.0
Dibromomethane		ND		7.5	30
Dichlorobromomethane		ND		7.5	30
cis-1,3-Dichloropropene		ND		3.0	12
Toluene		ND		7.5	30
trans-1,3-Dichloropropene		ND	^	3.0	12
1,1,2-Trichloroethane		ND		2.2	9.0
Tetrachloroethene		ND		3.7	15
1,3-Dichloropropane		ND		7.5	30
Chlorodibromomethane		ND	^	7.5	30
Ethylene Dibromide		ND		7.5	30
Chlorobenzene		ND	* ^	7.5	30
Ethylbenzene		ND	^	7.5	30
1,1,1,2-Tetrachloroethane		ND	^	7.5	30
1,1,2,2-Tetrachloroethane		ND		2.5	7.5
m-Xylene & p-Xylene		ND	^	7.5	30
o-Xylene		ND	^	7.5	30
Styrene		ND		7.5	30
Bromoform		ND		8.2	30
Isopropylbenzene		ND		7.5	30
Bromobenzene		ND		7.5	30
N-Propylbenzene		ND		7.5	30
1,2,3-Trichloropropane		ND		8.7	30
2-Chlorotoluene		ND		7.5	30
1,3,5-Trimethylbenzene		ND		7.5	30
4-Chlorotoluene		ND		9.7	30

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(0-1)**

Lab Sample ID: 580-24938-1 | Date Sampled: 03/10/2011 1530
Client Matrix: Solid | % Moisture: 20.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134483.D
Dilution:	1.0			Initial Weight/Volume:	17.03 g
Date Analyzed:	03/12/2011 2024			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.5	30
1,2,4-Trimethylbenzene		ND		7.5	30
sec-Butylbenzene		ND		7.5	30
1,3-Dichlorobenzene		ND		7.5	30
4-Isopropyltoluene		ND		7.5	30
1,4-Dichlorobenzene		ND		7.5	30
n-Butylbenzene		ND		7.5	30
1,2-Dichlorobenzene		ND		7.5	30
1,2-Dibromo-3-Chloropropane		ND		49	150
1,2,4-Trichlorobenzene		ND		7.5	30
1,2,3-Trichlorobenzene		ND		7.5	30
Hexachlorobutadiene		ND		7.5	30
Naphthalene		ND		7.5	30
Methyl tert-butyl ether		ND		7.5	30

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	124		75 - 125
4-Bromofluorobenzene (Surr)	102		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(4-5)**

Lab Sample ID: 580-24938-2 | Date Sampled: 03/10/2011 1540
Client Matrix: Solid | % Moisture: 24.2 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134489.D
Dilution:	1.0			Initial Weight/Volume:	15.53 g
Date Analyzed:	03/12/2011 2237			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		8.6	34
Chloromethane		ND		86	340
Vinyl chloride		ND		1.7	6.9
Bromomethane		ND		30	120
Chloroethane		ND		86	340
Trichlorofluoromethane		ND		8.6	34
1,1-Dichloroethene		ND		4.3	17
Methylene Chloride		ND		8.6	34
trans-1,2-Dichloroethene		ND		8.6	34
1,1-Dichloroethane		ND		8.6	34
2,2-Dichloropropane		ND		8.6	34
cis-1,2-Dichloroethene		ND		8.6	34
Chlorobromomethane		ND		10	34
Chloroform		ND		8.6	34
1,1,1-Trichloroethane		ND		8.6	34
Carbon tetrachloride		ND		4.3	17
1,1-Dichloropropene		ND		8.6	34
Benzene		ND		3.4	14
1,2-Dichloroethane		ND		8.6	34
Trichloroethene		ND		3.4	14
1,2-Dichloropropane		ND		3.3	10
Dibromomethane		ND		8.6	34
Dichlorobromomethane		ND		8.6	34
cis-1,3-Dichloropropene		ND		3.4	14
Toluene		ND		8.6	34
trans-1,3-Dichloropropene		ND	^	3.4	14
1,1,2-Trichloroethane		ND		2.6	10
Tetrachloroethene		ND		4.3	17
1,3-Dichloropropane		ND		8.6	34
Chlorodibromomethane		ND	^	8.6	34
Ethylene Dibromide		ND		8.6	34
Chlorobenzene		ND	* ^	8.6	34
Ethylbenzene		ND	^	8.6	34
1,1,1,2-Tetrachloroethane		ND	^	8.6	34
1,1,2,2-Tetrachloroethane		ND		2.8	8.6
m-Xylene & p-Xylene		ND	^	8.6	34
o-Xylene		ND	^	8.6	34
Styrene		ND		8.6	34
Bromoform		ND		9.4	34
Isopropylbenzene		ND		8.6	34
Bromobenzene		ND		8.6	34
N-Propylbenzene		ND		8.6	34
1,2,3-Trichloropropane		ND		9.9	34
2-Chlorotoluene		ND		8.6	34
1,3,5-Trimethylbenzene		ND		8.6	34
4-Chlorotoluene		ND		11	34

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(4-5)**

Lab Sample ID: 580-24938-2 | Date Sampled: 03/10/2011 1540
Client Matrix: Solid | % Moisture: 24.2 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134489.D
Dilution:	1.0			Initial Weight/Volume:	15.53 g
Date Analyzed:	03/12/2011 2237			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		8.6	34
1,2,4-Trimethylbenzene		ND		8.6	34
sec-Butylbenzene		ND		8.6	34
1,3-Dichlorobenzene		ND		8.6	34
4-Isopropyltoluene		ND		8.6	34
1,4-Dichlorobenzene		ND		8.6	34
n-Butylbenzene		ND		8.6	34
1,2-Dichlorobenzene		ND		8.6	34
1,2-Dibromo-3-Chloropropane		ND		57	170
1,2,4-Trichlorobenzene		ND		8.6	34
1,2,3-Trichlorobenzene		ND		8.6	34
Hexachlorobutadiene		ND		8.6	34
Naphthalene		ND		8.6	34
Methyl tert-butyl ether		ND		8.6	34

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	106		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(0-1)**

Lab Sample ID: 580-24938-3 | Date Sampled: 03/10/2011 1604
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134490.D
Dilution:	1.0			Initial Weight/Volume:	21.54 g
Date Analyzed:	03/12/2011 2259			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.2	25
Chloromethane		ND		62	250
Vinyl chloride		ND		1.2	4.9
Bromomethane		ND		22	86
Chloroethane		ND		62	250
Trichlorofluoromethane		ND		6.2	25
1,1-Dichloroethene		ND		3.1	12
Methylene Chloride		ND		6.2	25
trans-1,2-Dichloroethene		ND		6.2	25
1,1-Dichloroethane		ND		6.2	25
2,2-Dichloropropane		ND		6.2	25
cis-1,2-Dichloroethene		ND		6.2	25
Chlorobromomethane		ND		7.4	25
Chloroform		ND		6.2	25
1,1,1-Trichloroethane		ND		6.2	25
Carbon tetrachloride		ND		3.1	12
1,1-Dichloropropene		ND		6.2	25
Benzene		ND		2.5	9.9
1,2-Dichloroethane		ND		6.2	25
Trichloroethene		ND		2.5	9.9
1,2-Dichloropropane		ND		2.4	7.4
Dibromomethane		ND		6.2	25
Dichlorobromomethane		ND		6.2	25
cis-1,3-Dichloropropene		ND		2.5	9.9
Toluene		ND		6.2	25
trans-1,3-Dichloropropene		ND	^	2.5	9.9
1,1,2-Trichloroethane		ND		1.9	7.4
Tetrachloroethene		ND		3.1	12
1,3-Dichloropropane		ND		6.2	25
Chlorodibromomethane		ND	^	6.2	25
Ethylene Dibromide		ND		6.2	25
Chlorobenzene		ND	* ^	6.2	25
Ethylbenzene		ND	^	6.2	25
1,1,1,2-Tetrachloroethane		ND	^	6.2	25
1,1,2,2-Tetrachloroethane		ND		2.0	6.2
m-Xylene & p-Xylene		ND	^	6.2	25
o-Xylene		ND	^	6.2	25
Styrene		ND		6.2	25
Bromoform		ND		6.8	25
Isopropylbenzene		ND		6.2	25
Bromobenzene		ND		6.2	25
N-Propylbenzene		ND		6.2	25
1,2,3-Trichloropropane		ND		7.2	25
2-Chlorotoluene		ND		6.2	25
1,3,5-Trimethylbenzene		ND		6.2	25
4-Chlorotoluene		ND		8.0	25

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(0-1)**

Lab Sample ID: 580-24938-3 | Date Sampled: 03/10/2011 1604
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134490.D
Dilution:	1.0			Initial Weight/Volume:	21.54 g
Date Analyzed:	03/12/2011 2259			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.2	25
1,2,4-Trimethylbenzene		ND		6.2	25
sec-Butylbenzene		ND		6.2	25
1,3-Dichlorobenzene		ND		6.2	25
4-Isopropyltoluene		ND		6.2	25
1,4-Dichlorobenzene		ND		6.2	25
n-Butylbenzene		ND		6.2	25
1,2-Dichlorobenzene		ND		6.2	25
1,2-Dibromo-3-Chloropropane		ND		41	120
1,2,4-Trichlorobenzene		ND		6.2	25
1,2,3-Trichlorobenzene		ND		6.2	25
Hexachlorobutadiene		ND		6.2	25
Naphthalene		ND		6.2	25
Methyl tert-butyl ether		ND		6.2	25

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	120		75 - 125
4-Bromofluorobenzene (Surr)	103		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(4-5)**

Lab Sample ID: 580-24938-4 | Date Sampled: 03/10/2011 1615
Client Matrix: Solid | % Moisture: 32.0 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134491.D
Dilution:	1.0			Initial Weight/Volume:	20.01 g
Date Analyzed:	03/12/2011 2321			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.5	30
Chloromethane		ND		75	300
Vinyl chloride		ND		1.5	6.0
Bromomethane		ND		26	100
Chloroethane		ND		75	300
Trichlorofluoromethane		ND		7.5	30
1,1-Dichloroethene		ND		3.7	15
Methylene Chloride		ND		7.5	30
trans-1,2-Dichloroethene		ND		7.5	30
1,1-Dichloroethane		ND		7.5	30
2,2-Dichloropropane		ND		7.5	30
cis-1,2-Dichloroethene		ND		7.5	30
Chlorobromomethane		ND		9.0	30
Chloroform		ND		7.5	30
1,1,1-Trichloroethane		ND		7.5	30
Carbon tetrachloride		ND		3.7	15
1,1-Dichloropropene		ND		7.5	30
Benzene		ND		3.0	12
1,2-Dichloroethane		ND		7.5	30
Trichloroethene		ND		3.0	12
1,2-Dichloropropane		ND		2.9	9.0
Dibromomethane		ND		7.5	30
Dichlorobromomethane		ND		7.5	30
cis-1,3-Dichloropropene		ND		3.0	12
Toluene		ND		7.5	30
trans-1,3-Dichloropropene		ND	^	3.0	12
1,1,2-Trichloroethane		ND		2.2	9.0
Tetrachloroethene		5.4	J B	3.7	15
1,3-Dichloropropane		ND		7.5	30
Chlorodibromomethane		ND	^	7.5	30
Ethylene Dibromide		ND		7.5	30
Chlorobenzene		ND	* ^	7.5	30
Ethylbenzene		ND	^	7.5	30
1,1,1,2-Tetrachloroethane		ND	^	7.5	30
1,1,2,2-Tetrachloroethane		ND		2.5	7.5
m-Xylene & p-Xylene		ND	^	7.5	30
o-Xylene		ND	^	7.5	30
Styrene		ND		7.5	30
Bromoform		ND		8.2	30
Isopropylbenzene		ND		7.5	30
Bromobenzene		ND		7.5	30
N-Propylbenzene		ND		7.5	30
1,2,3-Trichloropropane		ND		8.7	30
2-Chlorotoluene		ND		7.5	30
1,3,5-Trimethylbenzene		ND		7.5	30
4-Chlorotoluene		ND		9.7	30

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(4-5)**

Lab Sample ID: 580-24938-4 | Date Sampled: 03/10/2011 1615
Client Matrix: Solid | % Moisture: 32.0 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134491.D
Dilution:	1.0			Initial Weight/Volume:	20.01 g
Date Analyzed:	03/12/2011 2321			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.5	30
1,2,4-Trimethylbenzene		ND		7.5	30
sec-Butylbenzene		ND		7.5	30
1,3-Dichlorobenzene		ND		7.5	30
4-Isopropyltoluene		ND		7.5	30
1,4-Dichlorobenzene		ND		7.5	30
n-Butylbenzene		ND		7.5	30
1,2-Dichlorobenzene		ND		7.5	30
1,2-Dibromo-3-Chloropropane		ND		49	150
1,2,4-Trichlorobenzene		ND		7.5	30
1,2,3-Trichlorobenzene		ND		7.5	30
Hexachlorobutadiene		ND		7.5	30
Naphthalene		ND		7.5	30
Methyl tert-butyl ether		ND		7.5	30

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	125		75 - 125
4-Bromofluorobenzene (Surr)	108		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(0-1)**

Lab Sample ID: 580-24938-5 | Date Sampled: 03/10/2011 1640
Client Matrix: Solid | % Moisture: 19.4 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134492.D
Dilution:	1.0			Initial Weight/Volume:	15.59 g
Date Analyzed:	03/12/2011 2343			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		8.0	32
Chloromethane		ND		80	320
Vinyl chloride		ND		1.6	6.4
Bromomethane		ND		28	110
Chloroethane		ND		80	320
Trichlorofluoromethane		ND		8.0	32
1,1-Dichloroethene		ND		4.0	16
Methylene Chloride		ND		8.0	32
trans-1,2-Dichloroethene		ND		8.0	32
1,1-Dichloroethane		ND		8.0	32
2,2-Dichloropropane		ND		8.0	32
cis-1,2-Dichloroethene		ND		8.0	32
Chlorobromomethane		ND		9.6	32
Chloroform		ND		8.0	32
1,1,1-Trichloroethane		ND		8.0	32
Carbon tetrachloride		ND		4.0	16
1,1-Dichloropropene		ND		8.0	32
Benzene		ND		3.2	13
1,2-Dichloroethane		ND		8.0	32
Trichloroethene		ND		3.2	13
1,2-Dichloropropane		ND		3.1	9.6
Dibromomethane		ND		8.0	32
Dichlorobromomethane		ND		8.0	32
cis-1,3-Dichloropropene		ND		3.2	13
Toluene		ND		8.0	32
trans-1,3-Dichloropropene		ND	^	3.2	13
1,1,2-Trichloroethane		ND		2.4	9.6
Tetrachloroethene		ND		4.0	16
1,3-Dichloropropane		ND		8.0	32
Chlorodibromomethane		ND	^	8.0	32
Ethylene Dibromide		ND		8.0	32
Chlorobenzene		ND	* ^	8.0	32
Ethylbenzene		ND	^	8.0	32
1,1,1,2-Tetrachloroethane		ND	^	8.0	32
1,1,2,2-Tetrachloroethane		ND		2.6	8.0
m-Xylene & p-Xylene		ND	^	8.0	32
o-Xylene		ND	^	8.0	32
Styrene		ND		8.0	32
Bromoform		ND		8.8	32
Isopropylbenzene		ND		8.0	32
Bromobenzene		ND		8.0	32
N-Propylbenzene		ND		8.0	32
1,2,3-Trichloropropane		ND		9.3	32
2-Chlorotoluene		ND		8.0	32
1,3,5-Trimethylbenzene		ND		8.0	32
4-Chlorotoluene		ND		10	32

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(0-1)**

Lab Sample ID: 580-24938-5 | Date Sampled: 03/10/2011 1640
Client Matrix: Solid | % Moisture: 19.4 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134492.D
Dilution:	1.0			Initial Weight/Volume:	15.59 g
Date Analyzed:	03/12/2011 2343			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		8.0	32
1,2,4-Trimethylbenzene		ND		8.0	32
sec-Butylbenzene		ND		8.0	32
1,3-Dichlorobenzene		ND		8.0	32
4-Isopropyltoluene		ND		8.0	32
1,4-Dichlorobenzene		ND		8.0	32
n-Butylbenzene		ND		8.0	32
1,2-Dichlorobenzene		ND		8.0	32
1,2-Dibromo-3-Chloropropane		ND		53	160
1,2,4-Trichlorobenzene		ND		8.0	32
1,2,3-Trichlorobenzene		ND		8.0	32
Hexachlorobutadiene		ND		8.0	32
Naphthalene		ND		8.0	32
Methyl tert-butyl ether		ND		8.0	32

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	127	X	75 - 125
4-Bromofluorobenzene (Surr)	106		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(4-5)**

Lab Sample ID: 580-24938-6 | Date Sampled: 03/10/2011 1650
Client Matrix: Solid | % Moisture: 22.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134493.D
Dilution:	1.0			Initial Weight/Volume:	18.72 g
Date Analyzed:	03/13/2011 0005			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.0	28
Chloromethane		ND		70	280
Vinyl chloride		ND		1.4	5.6
Bromomethane		ND		24	98
Chloroethane		ND		70	280
Trichlorofluoromethane		ND		7.0	28
1,1-Dichloroethene		ND		3.5	14
Methylene Chloride		ND		7.0	28
trans-1,2-Dichloroethene		ND		7.0	28
1,1-Dichloroethane		ND		7.0	28
2,2-Dichloropropane		ND		7.0	28
cis-1,2-Dichloroethene		ND		7.0	28
Chlorobromomethane		ND		8.4	28
Chloroform		ND		7.0	28
1,1,1-Trichloroethane		ND		7.0	28
Carbon tetrachloride		ND		3.5	14
1,1-Dichloropropene		ND		7.0	28
Benzene		ND		2.8	11
1,2-Dichloroethane		ND		7.0	28
Trichloroethene		ND		2.8	11
1,2-Dichloropropane		ND		2.7	8.4
Dibromomethane		ND		7.0	28
Dichlorobromomethane		ND		7.0	28
cis-1,3-Dichloropropene		ND		2.8	11
Toluene		ND		7.0	28
trans-1,3-Dichloropropene		ND	^	2.8	11
1,1,2-Trichloroethane		ND		2.1	8.4
Tetrachloroethene		ND		3.5	14
1,3-Dichloropropane		ND		7.0	28
Chlorodibromomethane		ND	^	7.0	28
Ethylene Dibromide		ND		7.0	28
Chlorobenzene		ND	* ^	7.0	28
Ethylbenzene		ND	^	7.0	28
1,1,1,2-Tetrachloroethane		ND	^	7.0	28
1,1,2,2-Tetrachloroethane		ND		2.3	7.0
m-Xylene & p-Xylene		ND	^	7.0	28
o-Xylene		ND	^	7.0	28
Styrene		ND		7.0	28
Bromoform		ND		7.7	28
Isopropylbenzene		ND		7.0	28
Bromobenzene		ND		7.0	28
N-Propylbenzene		ND		7.0	28
1,2,3-Trichloropropane		ND		8.1	28
2-Chlorotoluene		ND		7.0	28
1,3,5-Trimethylbenzene		ND		7.0	28
4-Chlorotoluene		ND		9.1	28

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(4-5)**

Lab Sample ID: 580-24938-6 | Date Sampled: 03/10/2011 1650
Client Matrix: Solid | % Moisture: 22.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134493.D
Dilution:	1.0			Initial Weight/Volume:	18.72 g
Date Analyzed:	03/13/2011 0005			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.0	28
1,2,4-Trimethylbenzene		ND		7.0	28
sec-Butylbenzene		ND		7.0	28
1,3-Dichlorobenzene		ND		7.0	28
4-Isopropyltoluene		ND		7.0	28
1,4-Dichlorobenzene		ND		7.0	28
n-Butylbenzene		ND		7.0	28
1,2-Dichlorobenzene		ND		7.0	28
1,2-Dibromo-3-Chloropropane		ND		46	140
1,2,4-Trichlorobenzene		ND		7.0	28
1,2,3-Trichlorobenzene		ND		7.0	28
Hexachlorobutadiene		ND		7.0	28
Naphthalene		ND		7.0	28
Methyl tert-butyl ether		ND		7.0	28

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	106		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	122		75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(0-1)**

Lab Sample ID: 580-24938-7 | Date Sampled: 03/10/2011 1710
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134494.D
Dilution:	1.0			Initial Weight/Volume:	16.71 g
Date Analyzed:	03/13/2011 0028			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.6	30
Chloromethane		ND		76	300
Vinyl chloride		ND		1.5	6.1
Bromomethane		ND		27	110
Chloroethane		ND		76	300
Trichlorofluoromethane		ND		7.6	30
1,1-Dichloroethene		ND		3.8	15
Methylene Chloride		ND		7.6	30
trans-1,2-Dichloroethene		ND		7.6	30
1,1-Dichloroethane		ND		7.6	30
2,2-Dichloropropane		ND		7.6	30
cis-1,2-Dichloroethene		ND		7.6	30
Chlorobromomethane		ND		9.1	30
Chloroform		ND		7.6	30
1,1,1-Trichloroethane		ND		7.6	30
Carbon tetrachloride		ND		3.8	15
1,1-Dichloropropene		ND		7.6	30
Benzene		ND		3.0	12
1,2-Dichloroethane		ND		7.6	30
Trichloroethene		ND		3.0	12
1,2-Dichloropropane		ND		3.0	9.1
Dibromomethane		ND		7.6	30
Dichlorobromomethane		ND		7.6	30
cis-1,3-Dichloropropene		ND		3.0	12
Toluene		ND		7.6	30
trans-1,3-Dichloropropene		ND	^	3.0	12
1,1,2-Trichloroethane		ND		2.3	9.1
Tetrachloroethene		ND		3.8	15
1,3-Dichloropropane		ND		7.6	30
Chlorodibromomethane		ND	^	7.6	30
Ethylene Dibromide		ND		7.6	30
Chlorobenzene		ND	* ^	7.6	30
Ethylbenzene		ND	^	7.6	30
1,1,1,2-Tetrachloroethane		ND	^	7.6	30
1,1,2,2-Tetrachloroethane		ND		2.5	7.6
m-Xylene & p-Xylene		ND	^	7.6	30
o-Xylene		ND	^	7.6	30
Styrene		ND		7.6	30
Bromoform		ND		8.3	30
Isopropylbenzene		ND		7.6	30
Bromobenzene		ND		7.6	30
N-Propylbenzene		ND		7.6	30
1,2,3-Trichloropropane		ND		8.8	30
2-Chlorotoluene		ND		7.6	30
1,3,5-Trimethylbenzene		ND		7.6	30
4-Chlorotoluene		ND		9.9	30

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(0-1)**

Lab Sample ID: 580-24938-7 | Date Sampled: 03/10/2011 1710
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134494.D
Dilution:	1.0			Initial Weight/Volume:	16.71 g
Date Analyzed:	03/13/2011 0028			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.6	30
1,2,4-Trimethylbenzene		ND		7.6	30
sec-Butylbenzene		ND		7.6	30
1,3-Dichlorobenzene		ND		7.6	30
4-Isopropyltoluene		ND		7.6	30
1,4-Dichlorobenzene		ND		7.6	30
n-Butylbenzene		ND		7.6	30
1,2-Dichlorobenzene		ND		7.6	30
1,2-Dibromo-3-Chloropropane		ND		50	150
1,2,4-Trichlorobenzene		ND		7.6	30
1,2,3-Trichlorobenzene		ND		7.6	30
Hexachlorobutadiene		ND		7.6	30
Naphthalene		ND		7.6	30
Methyl tert-butyl ether		ND		7.6	30

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(4-5)**

Lab Sample ID: 580-24938-8 | Date Sampled: 03/10/2011 1725
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134495.D
Dilution:	1.0			Initial Weight/Volume:	18.98 g
Date Analyzed:	03/13/2011 0050			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.7	27
Chloromethane		ND		67	270
Vinyl chloride		ND		1.3	5.4
Bromomethane		ND		23	94
Chloroethane		ND		67	270
Trichlorofluoromethane		ND		6.7	27
1,1-Dichloroethene		ND		3.3	13
Methylene Chloride		ND		6.7	27
trans-1,2-Dichloroethene		ND		6.7	27
1,1-Dichloroethane		ND		6.7	27
2,2-Dichloropropane		ND		6.7	27
cis-1,2-Dichloroethene		ND		6.7	27
Chlorobromomethane		ND		8.0	27
Chloroform		ND		6.7	27
1,1,1-Trichloroethane		ND		6.7	27
Carbon tetrachloride		ND		3.3	13
1,1-Dichloropropene		ND		6.7	27
Benzene		ND		2.7	11
1,2-Dichloroethane		ND		6.7	27
Trichloroethene		ND		2.7	11
1,2-Dichloropropane		ND		2.6	8.0
Dibromomethane		ND		6.7	27
Dichlorobromomethane		ND		6.7	27
cis-1,3-Dichloropropene		ND		2.7	11
Toluene		ND		6.7	27
trans-1,3-Dichloropropene		ND	^	2.7	11
1,1,2-Trichloroethane		ND		2.0	8.0
Tetrachloroethene		ND		3.3	13
1,3-Dichloropropane		ND		6.7	27
Chlorodibromomethane		ND	^	6.7	27
Ethylene Dibromide		ND		6.7	27
Chlorobenzene		ND	* ^	6.7	27
Ethylbenzene		ND	^	6.7	27
1,1,1,2-Tetrachloroethane		ND	^	6.7	27
1,1,2,2-Tetrachloroethane		ND		2.2	6.7
m-Xylene & p-Xylene		ND	^	6.7	27
o-Xylene		ND	^	6.7	27
Styrene		ND		6.7	27
Bromoform		ND		7.4	27
Isopropylbenzene		ND		6.7	27
Bromobenzene		ND		6.7	27
N-Propylbenzene		ND		6.7	27
1,2,3-Trichloropropane		ND		7.8	27
2-Chlorotoluene		ND		6.7	27
1,3,5-Trimethylbenzene		ND		6.7	27
4-Chlorotoluene		ND		8.7	27

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(4-5)**

Lab Sample ID: 580-24938-8 | Date Sampled: 03/10/2011 1725
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134495.D
Dilution:	1.0			Initial Weight/Volume:	18.98 g
Date Analyzed:	03/13/2011 0050			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.7	27
1,2,4-Trimethylbenzene		ND		6.7	27
sec-Butylbenzene		ND		6.7	27
1,3-Dichlorobenzene		ND		6.7	27
4-Isopropyltoluene		ND		6.7	27
1,4-Dichlorobenzene		ND		6.7	27
n-Butylbenzene		ND		6.7	27
1,2-Dichlorobenzene		ND		6.7	27
1,2-Dibromo-3-Chloropropane		ND		44	130
1,2,4-Trichlorobenzene		ND		6.7	27
1,2,3-Trichlorobenzene		ND		6.7	27
Hexachlorobutadiene		ND		6.7	27
Naphthalene		ND		6.7	27
Methyl tert-butyl ether		ND		6.7	27

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	91		85 - 115
Ethylbenzene-d10	127	X	75 - 125
4-Bromofluorobenzene (Surr)	105		85 - 120

Client: MWH Americas Inc

Job Number: 580-24938-1

Client Sample ID: **YK-Methanol Blank**

Lab Sample ID: 580-24938-9
Client Matrix: Solid

Date Sampled: 03/10/2011 1730
Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134482.D
Dilution:	1.0			Initial Weight/Volume:	10 g
Date Analyzed:	03/12/2011 2001			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		10	40
Chloromethane		ND		100	400
Vinyl chloride		ND		2.0	8.0
Bromomethane		ND		35	140
Chloroethane		ND		100	400
Trichlorofluoromethane		ND		10	40
1,1-Dichloroethene		ND		5.0	20
Methylene Chloride		ND		10	40
trans-1,2-Dichloroethene		ND		10	40
1,1-Dichloroethane		ND		10	40
2,2-Dichloropropane		ND		10	40
cis-1,2-Dichloroethene		ND		10	40
Chlorobromomethane		ND		12	40
Chloroform		ND		10	40
1,1,1-Trichloroethane		ND		10	40
Carbon tetrachloride		ND		5.0	20
1,1-Dichloropropene		ND		10	40
Benzene		ND		4.0	16
1,2-Dichloroethane		ND		10	40
Trichloroethene		ND		4.0	16
1,2-Dichloropropane		ND		3.9	12
Dibromomethane		ND		10	40
Dichlorobromomethane		ND		10	40
cis-1,3-Dichloropropene		ND		4.0	16
Toluene		ND		10	40
trans-1,3-Dichloropropene		ND	^	4.0	16
1,1,2-Trichloroethane		ND		3.0	12
Tetrachloroethene		ND		5.0	20
1,3-Dichloropropane		ND		10	40
Chlorodibromomethane		ND	^	10	40
Ethylene Dibromide		ND		10	40
Chlorobenzene		ND	* ^	10	40
Ethylbenzene		ND	^	10	40
1,1,1,2-Tetrachloroethane		ND	^	10	40
1,1,2,2-Tetrachloroethane		ND		3.3	10
m-Xylene & p-Xylene		ND	^	10	40
o-Xylene		ND	^	10	40
Styrene		ND		10	40
Bromoform		ND		11	40
Isopropylbenzene		ND		10	40
Bromobenzene		ND		10	40
N-Propylbenzene		ND		10	40
1,2,3-Trichloropropane		ND		12	40
2-Chlorotoluene		ND		10	40
1,3,5-Trimethylbenzene		ND		10	40
4-Chlorotoluene		ND		13	40

Client: MWH Americas Inc

Job Number: 580-24938-1

Client Sample ID: **YK-Methanol Blank**

Lab Sample ID: 580-24938-9
Client Matrix: Solid

Date Sampled: 03/10/2011 1730
Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134482.D
Dilution:	1.0			Initial Weight/Volume:	10 g
Date Analyzed:	03/12/2011 2001			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		10	40
1,2,4-Trimethylbenzene		ND		10	40
sec-Butylbenzene		ND		10	40
1,3-Dichlorobenzene		ND		10	40
4-Isopropyltoluene		ND		10	40
1,4-Dichlorobenzene		ND		10	40
n-Butylbenzene		ND		10	40
1,2-Dichlorobenzene		ND		10	40
1,2-Dibromo-3-Chloropropane		ND		66	200
1,2,4-Trichlorobenzene		ND		10	40
1,2,3-Trichlorobenzene		ND		10	40
Hexachlorobutadiene		ND		10	40
Naphthalene		ND		10	40
Methyl tert-butyl ether		ND		10	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	117		75 - 125
4-Bromofluorobenzene (Surr)	100		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)**

Lab Sample ID: 580-24938-10 | Date Sampled: 03/11/2011 1020
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134496.D
Dilution:	1.0			Initial Weight/Volume:	21.44 g
Date Analyzed:	03/13/2011 0112			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.2	25
Chloromethane		ND		62	250
Vinyl chloride		ND		1.2	4.9
Bromomethane		ND		22	87
Chloroethane		ND		62	250
Trichlorofluoromethane		ND		6.2	25
1,1-Dichloroethene		ND		3.1	12
Methylene Chloride		ND		6.2	25
trans-1,2-Dichloroethene		ND		6.2	25
1,1-Dichloroethane		ND		6.2	25
2,2-Dichloropropane		ND		6.2	25
cis-1,2-Dichloroethene		ND		6.2	25
Chlorobromomethane		ND		7.4	25
Chloroform		ND		6.2	25
1,1,1-Trichloroethane		ND		6.2	25
Carbon tetrachloride		ND		3.1	12
1,1-Dichloropropene		ND		6.2	25
Benzene		ND		2.5	9.9
1,2-Dichloroethane		ND		6.2	25
Trichloroethene		ND		2.5	9.9
1,2-Dichloropropane		ND		2.4	7.4
Dibromomethane		ND		6.2	25
Dichlorobromomethane		ND		6.2	25
cis-1,3-Dichloropropene		ND		2.5	9.9
Toluene		ND		6.2	25
trans-1,3-Dichloropropene		ND	^	2.5	9.9
1,1,2-Trichloroethane		ND		1.9	7.4
Tetrachloroethene		ND		3.1	12
1,3-Dichloropropane		ND		6.2	25
Chlorodibromomethane		ND	^	6.2	25
Ethylene Dibromide		ND		6.2	25
Chlorobenzene		ND	* ^	6.2	25
Ethylbenzene		ND	^	6.2	25
1,1,1,2-Tetrachloroethane		ND	^	6.2	25
1,1,2,2-Tetrachloroethane		ND		2.0	6.2
m-Xylene & p-Xylene		ND	^	6.2	25
o-Xylene		ND	^	6.2	25
Styrene		ND		6.2	25
Bromoform		ND		6.8	25
Isopropylbenzene		ND		6.2	25
Bromobenzene		ND		6.2	25
N-Propylbenzene		ND		6.2	25
1,2,3-Trichloropropane		ND		7.2	25
2-Chlorotoluene		ND		6.2	25
1,3,5-Trimethylbenzene		ND		6.2	25
4-Chlorotoluene		ND		8.0	25

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)**

Lab Sample ID: 580-24938-10 | Date Sampled: 03/11/2011 1020
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134496.D
Dilution:	1.0			Initial Weight/Volume:	21.44 g
Date Analyzed:	03/13/2011 0112			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.2	25
1,2,4-Trimethylbenzene		ND		6.2	25
sec-Butylbenzene		ND		6.2	25
1,3-Dichlorobenzene		ND		6.2	25
4-Isopropyltoluene		ND		6.2	25
1,4-Dichlorobenzene		ND		6.2	25
n-Butylbenzene		ND		6.2	25
1,2-Dichlorobenzene		ND		6.2	25
1,2-Dibromo-3-Chloropropane		ND		41	120
1,2,4-Trichlorobenzene		ND		6.2	25
1,2,3-Trichlorobenzene		ND		6.2	25
Hexachlorobutadiene		ND		6.2	25
Naphthalene		ND		6.2	25
Methyl tert-butyl ether		ND		6.2	25

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	90		85 - 115
Ethylbenzene-d10	124		75 - 125
4-Bromofluorobenzene (Surr)	107		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)D**

Lab Sample ID: 580-24938-11 | Date Sampled: 03/11/2011 1021
Client Matrix: Solid | % Moisture: 29.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134497.D
Dilution:	1.0			Initial Weight/Volume:	22.72 g
Date Analyzed:	03/13/2011 0134			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.4	25
Chloromethane		ND		64	250
Vinyl chloride		ND		1.3	5.1
Bromomethane		ND		22	89
Chloroethane		ND		64	250
Trichlorofluoromethane		ND		6.4	25
1,1-Dichloroethene		ND		3.2	13
Methylene Chloride		ND		6.4	25
trans-1,2-Dichloroethene		ND		6.4	25
1,1-Dichloroethane		ND		6.4	25
2,2-Dichloropropane		ND		6.4	25
cis-1,2-Dichloroethene		ND		6.4	25
Chlorobromomethane		ND		7.6	25
Chloroform		ND		6.4	25
1,1,1-Trichloroethane		ND		6.4	25
Carbon tetrachloride		ND		3.2	13
1,1-Dichloropropene		ND		6.4	25
Benzene		ND		2.5	10
1,2-Dichloroethane		ND		6.4	25
Trichloroethene		ND		2.5	10
1,2-Dichloropropane		ND		2.5	7.6
Dibromomethane		ND		6.4	25
Dichlorobromomethane		ND		6.4	25
cis-1,3-Dichloropropene		ND		2.5	10
Toluene		ND		6.4	25
trans-1,3-Dichloropropene		ND	^	2.5	10
1,1,2-Trichloroethane		ND		1.9	7.6
Tetrachloroethene		ND		3.2	13
1,3-Dichloropropane		ND		6.4	25
Chlorodibromomethane		ND	^	6.4	25
Ethylene Dibromide		ND		6.4	25
Chlorobenzene		ND	* ^	6.4	25
Ethylbenzene		ND	^	6.4	25
1,1,1,2-Tetrachloroethane		ND	^	6.4	25
1,1,2,2-Tetrachloroethane		ND		2.1	6.4
m-Xylene & p-Xylene		ND	^	6.4	25
o-Xylene		ND	^	6.4	25
Styrene		ND		6.4	25
Bromoform		ND		7.0	25
Isopropylbenzene		ND		6.4	25
Bromobenzene		ND		6.4	25
N-Propylbenzene		ND		6.4	25
1,2,3-Trichloropropane		ND		7.4	25
2-Chlorotoluene		ND		6.4	25
1,3,5-Trimethylbenzene		ND		6.4	25
4-Chlorotoluene		ND		8.3	25

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)D**

Lab Sample ID: 580-24938-11 | Date Sampled: 03/11/2011 1021
Client Matrix: Solid | % Moisture: 29.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134497.D
Dilution:	1.0			Initial Weight/Volume:	22.72 g
Date Analyzed:	03/13/2011 0134			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.4	25
1,2,4-Trimethylbenzene		ND		6.4	25
sec-Butylbenzene		ND		6.4	25
1,3-Dichlorobenzene		ND		6.4	25
4-Isopropyltoluene		ND		6.4	25
1,4-Dichlorobenzene		ND		6.4	25
n-Butylbenzene		ND		6.4	25
1,2-Dichlorobenzene		ND		6.4	25
1,2-Dibromo-3-Chloropropane		ND		42	130
1,2,4-Trichlorobenzene		ND		6.4	25
1,2,3-Trichlorobenzene		ND		6.4	25
Hexachlorobutadiene		ND		6.4	25
Naphthalene		ND		6.4	25
Methyl tert-butyl ether		ND		6.4	25

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	126	X	75 - 125
4-Bromofluorobenzene (Surr)	107		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(0-1)**

Lab Sample ID: 580-24938-12 | Date Sampled: 03/11/2011 1045
Client Matrix: Solid | % Moisture: 24.9 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134498.D
Dilution:	1.0			Initial Weight/Volume:	19.12 g
Date Analyzed:	03/13/2011 0156			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.1	28
Chloromethane		ND		71	280
Vinyl chloride		ND		1.4	5.6
Bromomethane		ND		25	99
Chloroethane		ND		71	280
Trichlorofluoromethane		ND		7.1	28
1,1-Dichloroethene		ND		3.5	14
Methylene Chloride		ND		7.1	28
trans-1,2-Dichloroethene		ND		7.1	28
1,1-Dichloroethane		ND		7.1	28
2,2-Dichloropropane		ND		7.1	28
cis-1,2-Dichloroethene		ND		7.1	28
Chlorobromomethane		ND		8.5	28
Chloroform		ND		7.1	28
1,1,1-Trichloroethane		ND		7.1	28
Carbon tetrachloride		ND		3.5	14
1,1-Dichloropropene		ND		7.1	28
Benzene		ND		2.8	11
1,2-Dichloroethane		ND		7.1	28
Trichloroethene		ND		2.8	11
1,2-Dichloropropane		ND		2.7	8.5
Dibromomethane		ND		7.1	28
Dichlorobromomethane		ND		7.1	28
cis-1,3-Dichloropropene		ND		2.8	11
Toluene		ND		7.1	28
trans-1,3-Dichloropropene		ND	^	2.8	11
1,1,2-Trichloroethane		ND		2.1	8.5
Tetrachloroethene		ND		3.5	14
1,3-Dichloropropane		ND		7.1	28
Chlorodibromomethane		ND	^	7.1	28
Ethylene Dibromide		ND		7.1	28
Chlorobenzene		ND	* ^	7.1	28
Ethylbenzene		ND	^	7.1	28
1,1,1,2-Tetrachloroethane		ND	^	7.1	28
1,1,2,2-Tetrachloroethane		ND		2.3	7.1
m-Xylene & p-Xylene		ND	^	7.1	28
o-Xylene		ND	^	7.1	28
Styrene		ND		7.1	28
Bromoform		ND		7.8	28
Isopropylbenzene		ND		7.1	28
Bromobenzene		ND		7.1	28
N-Propylbenzene		ND		7.1	28
1,2,3-Trichloropropane		ND		8.2	28
2-Chlorotoluene		ND		7.1	28
1,3,5-Trimethylbenzene		ND		7.1	28
4-Chlorotoluene		ND		9.2	28

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(0-1)**

Lab Sample ID: 580-24938-12 | Date Sampled: 03/11/2011 1045
Client Matrix: Solid | % Moisture: 24.9 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134498.D
Dilution:	1.0			Initial Weight/Volume:	19.12 g
Date Analyzed:	03/13/2011 0156			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.1	28
1,2,4-Trimethylbenzene		ND		7.1	28
sec-Butylbenzene		ND		7.1	28
1,3-Dichlorobenzene		ND		7.1	28
4-Isopropyltoluene		ND		7.1	28
1,4-Dichlorobenzene		ND		7.1	28
n-Butylbenzene		ND		7.1	28
1,2-Dichlorobenzene		ND		7.1	28
1,2-Dibromo-3-Chloropropane		ND		47	140
1,2,4-Trichlorobenzene		ND		7.1	28
1,2,3-Trichlorobenzene		ND		7.1	28
Hexachlorobutadiene		ND		7.1	28
Naphthalene		ND		7.1	28
Methyl tert-butyl ether		ND		7.1	28

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	125		75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(0-1)**

Lab Sample ID: 580-24938-13 | Date Sampled: 03/11/2011 0737
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134499.D
Dilution:	1.0			Initial Weight/Volume:	19.02 g
Date Analyzed:	03/13/2011 0319			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.7	27
Chloromethane		ND		67	270
Vinyl chloride		ND		1.3	5.3
Bromomethane		ND		23	93
Chloroethane		ND		67	270
Trichlorofluoromethane		ND		6.7	27
1,1-Dichloroethene		ND		3.3	13
Methylene Chloride		ND		6.7	27
trans-1,2-Dichloroethene		ND		6.7	27
1,1-Dichloroethane		ND		6.7	27
2,2-Dichloropropane		ND		6.7	27
cis-1,2-Dichloroethene		ND		6.7	27
Chlorobromomethane		ND		8.0	27
Chloroform		ND		6.7	27
1,1,1-Trichloroethane		ND		6.7	27
Carbon tetrachloride		ND		3.3	13
1,1-Dichloropropene		ND		6.7	27
Benzene		ND		2.7	11
1,2-Dichloroethane		ND		6.7	27
Trichloroethene		ND		2.7	11
1,2-Dichloropropane		ND		2.6	8.0
Dibromomethane		ND		6.7	27
Dichlorobromomethane		ND		6.7	27
cis-1,3-Dichloropropene		ND		2.7	11
Toluene		ND		6.7	27
trans-1,3-Dichloropropene		ND	^	2.7	11
1,1,2-Trichloroethane		ND		2.0	8.0
Tetrachloroethene		ND		3.3	13
1,3-Dichloropropane		ND		6.7	27
Chlorodibromomethane		ND	^	6.7	27
Ethylene Dibromide		ND		6.7	27
Chlorobenzene		ND	* ^	6.7	27
Ethylbenzene		ND	^	6.7	27
1,1,1,2-Tetrachloroethane		ND	^	6.7	27
1,1,2,2-Tetrachloroethane		ND		2.2	6.7
m-Xylene & p-Xylene		ND	^	6.7	27
o-Xylene		ND	^	6.7	27
Styrene		ND		6.7	27
Bromoform		ND		7.3	27
Isopropylbenzene		ND		6.7	27
Bromobenzene		ND		6.7	27
N-Propylbenzene		ND		6.7	27
1,2,3-Trichloropropane		ND		7.7	27
2-Chlorotoluene		ND		6.7	27
1,3,5-Trimethylbenzene		ND		6.7	27
4-Chlorotoluene		ND		8.6	27

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(0-1)**

Lab Sample ID: 580-24938-13 | Date Sampled: 03/11/2011 0737
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134499.D
Dilution:	1.0			Initial Weight/Volume:	19.02 g
Date Analyzed:	03/13/2011 0319			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.7	27
1,2,4-Trimethylbenzene		ND		6.7	27
sec-Butylbenzene		ND		6.7	27
1,3-Dichlorobenzene		ND		6.7	27
4-Isopropyltoluene		ND		6.7	27
1,4-Dichlorobenzene		ND		6.7	27
n-Butylbenzene		ND		6.7	27
1,2-Dichlorobenzene		ND		6.7	27
1,2-Dibromo-3-Chloropropane		ND		44	130
1,2,4-Trichlorobenzene		ND		6.7	27
1,2,3-Trichlorobenzene		ND		6.7	27
Hexachlorobutadiene		ND		6.7	27
Naphthalene		ND		6.7	27
Methyl tert-butyl ether		ND		6.7	27

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	108		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(4-5)**

Lab Sample ID: 580-24938-14 | Date Sampled: 03/11/2011 0745
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134500.D
Dilution:	1.0			Initial Weight/Volume:	17.22 g
Date Analyzed:	03/13/2011 0341			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.8	31
Chloromethane		ND		78	310
Vinyl chloride		ND		1.6	6.2
Bromomethane		ND		27	110
Chloroethane		ND		78	310
Trichlorofluoromethane		ND		7.8	31
1,1-Dichloroethene		ND		3.9	16
Methylene Chloride		ND		7.8	31
trans-1,2-Dichloroethene		ND		7.8	31
1,1-Dichloroethane		ND		7.8	31
2,2-Dichloropropane		ND		7.8	31
cis-1,2-Dichloroethene		ND		7.8	31
Chlorobromomethane		ND		9.4	31
Chloroform		ND		7.8	31
1,1,1-Trichloroethane		ND		7.8	31
Carbon tetrachloride		ND		3.9	16
1,1-Dichloropropene		ND		7.8	31
Benzene		ND		3.1	12
1,2-Dichloroethane		ND		7.8	31
Trichloroethene		ND		3.1	12
1,2-Dichloropropane		ND		3.0	9.4
Dibromomethane		ND		7.8	31
Dichlorobromomethane		ND		7.8	31
cis-1,3-Dichloropropene		ND		3.1	12
Toluene		ND		7.8	31
trans-1,3-Dichloropropene		ND	^	3.1	12
1,1,2-Trichloroethane		ND		2.3	9.4
Tetrachloroethene		ND		3.9	16
1,3-Dichloropropane		ND		7.8	31
Chlorodibromomethane		ND	^	7.8	31
Ethylene Dibromide		ND		7.8	31
Chlorobenzene		ND	* ^	7.8	31
Ethylbenzene		ND	^	7.8	31
1,1,1,2-Tetrachloroethane		ND	^	7.8	31
1,1,2,2-Tetrachloroethane		ND		2.6	7.8
m-Xylene & p-Xylene		ND	^	7.8	31
o-Xylene		ND	^	7.8	31
Styrene		ND		7.8	31
Bromoform		ND		8.6	31
Isopropylbenzene		ND		7.8	31
Bromobenzene		ND		7.8	31
N-Propylbenzene		ND		7.8	31
1,2,3-Trichloropropane		ND		9.0	31
2-Chlorotoluene		ND		7.8	31
1,3,5-Trimethylbenzene		ND		7.8	31
4-Chlorotoluene		ND		10	31

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(4-5)**

Lab Sample ID: 580-24938-14 | Date Sampled: 03/11/2011 0745
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134500.D
Dilution:	1.0			Initial Weight/Volume:	17.22 g
Date Analyzed:	03/13/2011 0341			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.8	31
1,2,4-Trimethylbenzene		ND		7.8	31
sec-Butylbenzene		ND		7.8	31
1,3-Dichlorobenzene		ND		7.8	31
4-Isopropyltoluene		ND		7.8	31
1,4-Dichlorobenzene		ND		7.8	31
n-Butylbenzene		ND		7.8	31
1,2-Dichlorobenzene		ND		7.8	31
1,2-Dibromo-3-Chloropropane		ND		51	160
1,2,4-Trichlorobenzene		ND		7.8	31
1,2,3-Trichlorobenzene		ND		7.8	31
Hexachlorobutadiene		ND		7.8	31
Naphthalene		ND		7.8	31
Methyl tert-butyl ether		ND		7.8	31

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	102		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(0-1)**

Lab Sample ID: 580-24938-15 | Date Sampled: 03/11/2011 0830
Client Matrix: Solid | % Moisture: 19.1 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134562.D
Dilution:	1.0			Initial Weight/Volume:	17.76 g
Date Analyzed:	03/15/2011 1354	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.0	28
Chloromethane		ND		70	280
Vinyl chloride		ND		1.4	5.6
Bromomethane		ND		25	98
Chloroethane		ND		70	280
Trichlorofluoromethane		ND		7.0	28
1,1-Dichloroethene		ND		3.5	14
Methylene Chloride		ND		7.0	28
trans-1,2-Dichloroethene		ND		7.0	28
1,1-Dichloroethane		ND		7.0	28
2,2-Dichloropropane		ND		7.0	28
cis-1,2-Dichloroethene		ND		7.0	28
Chlorobromomethane		ND		8.4	28
Chloroform		12	J B	7.0	28
1,1,1-Trichloroethane		ND		7.0	28
Carbon tetrachloride		ND		3.5	14
1,1-Dichloropropene		ND		7.0	28
Benzene		ND		2.8	11
1,2-Dichloroethane		ND		7.0	28
Trichloroethene		ND		2.8	11
1,2-Dichloropropane		ND		2.7	8.4
Dibromomethane		ND		7.0	28
Dichlorobromomethane		ND		7.0	28
cis-1,3-Dichloropropene		ND		2.8	11
Toluene		ND		7.0	28
trans-1,3-Dichloropropene		ND		2.8	11
1,1,2-Trichloroethane		ND		2.1	8.4
Tetrachloroethene		ND		3.5	14
1,3-Dichloropropane		ND		7.0	28
Chlorodibromomethane		ND		7.0	28
Ethylene Dibromide		ND		7.0	28
Chlorobenzene		ND	*	7.0	28
Ethylbenzene		ND		7.0	28
1,1,1,2-Tetrachloroethane		ND		7.0	28
1,1,2,2-Tetrachloroethane		ND		2.3	7.0
m-Xylene & p-Xylene		ND		7.0	28
o-Xylene		ND		7.0	28
Styrene		ND		7.0	28
Bromoform		ND		7.7	28
Isopropylbenzene		ND		7.0	28
Bromobenzene		ND		7.0	28
N-Propylbenzene		ND		7.0	28
1,2,3-Trichloropropane		ND		8.1	28
2-Chlorotoluene		ND		7.0	28
1,3,5-Trimethylbenzene		ND		7.0	28
4-Chlorotoluene		ND		9.1	28

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(0-1)**

Lab Sample ID: 580-24938-15 | Date Sampled: 03/11/2011 0830
Client Matrix: Solid | % Moisture: 19.1 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134562.D
Dilution:	1.0			Initial Weight/Volume:	17.76 g
Date Analyzed:	03/15/2011 1354	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.0	28
1,2,4-Trimethylbenzene		ND		7.0	28
sec-Butylbenzene		ND		7.0	28
1,3-Dichlorobenzene		ND		7.0	28
4-Isopropyltoluene		ND		7.0	28
1,4-Dichlorobenzene		ND		7.0	28
n-Butylbenzene		ND		7.0	28
1,2-Dichlorobenzene		ND		7.0	28
1,2-Dibromo-3-Chloropropane		ND		46	140
1,2,4-Trichlorobenzene		ND		7.0	28
1,2,3-Trichlorobenzene		ND		7.0	28
Hexachlorobutadiene		ND		7.0	28
Naphthalene		ND		7.0	28
Methyl tert-butyl ether		ND		7.0	28

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	115		75 - 125
4-Bromofluorobenzene (Surr)	101		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(2-3)**

Lab Sample ID: 580-24938-16 | Date Sampled: 03/11/2011 0835
Client Matrix: Solid | % Moisture: 25.4 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134563.D
Dilution:	1.0			Initial Weight/Volume:	21.51 g
Date Analyzed:	03/15/2011 1417	Run Type: RA		Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.3	25
Chloromethane		ND		63	250
Vinyl chloride		ND		1.3	5.1
Bromomethane		ND		22	88
Chloroethane		ND		63	250
Trichlorofluoromethane		ND		6.3	25
1,1-Dichloroethene		ND		3.2	13
Methylene Chloride		ND		6.3	25
trans-1,2-Dichloroethene		ND		6.3	25
1,1-Dichloroethane		ND		6.3	25
2,2-Dichloropropane		ND		6.3	25
cis-1,2-Dichloroethene		ND		6.3	25
Chlorobromomethane		ND		7.6	25
Chloroform		11	J B	6.3	25
1,1,1-Trichloroethane		ND		6.3	25
Carbon tetrachloride		ND		3.2	13
1,1-Dichloropropene		ND		6.3	25
Benzene		ND		2.5	10
1,2-Dichloroethane		ND		6.3	25
Trichloroethene		ND		2.5	10
1,2-Dichloropropane		ND		2.5	7.6
Dibromomethane		ND		6.3	25
Dichlorobromomethane		ND		6.3	25
cis-1,3-Dichloropropene		ND		2.5	10
Toluene		ND		6.3	25
trans-1,3-Dichloropropene		ND		2.5	10
1,1,2-Trichloroethane		ND		1.9	7.6
Tetrachloroethene		ND		3.2	13
1,3-Dichloropropane		ND		6.3	25
Chlorodibromomethane		ND		6.3	25
Ethylene Dibromide		ND		6.3	25
Chlorobenzene		ND	*	6.3	25
Ethylbenzene		ND		6.3	25
1,1,1,2-Tetrachloroethane		ND		6.3	25
1,1,2,2-Tetrachloroethane		ND		2.1	6.3
m-Xylene & p-Xylene		ND		6.3	25
o-Xylene		ND		6.3	25
Styrene		ND		6.3	25
Bromoform		ND		6.9	25
Isopropylbenzene		ND		6.3	25
Bromobenzene		ND		6.3	25
N-Propylbenzene		ND		6.3	25
1,2,3-Trichloropropane		ND		7.3	25
2-Chlorotoluene		ND		6.3	25
1,3,5-Trimethylbenzene		ND		6.3	25
4-Chlorotoluene		ND		8.2	25

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(2-3)**

Lab Sample ID: 580-24938-16 | Date Sampled: 03/11/2011 0835
Client Matrix: Solid | % Moisture: 25.4 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134563.D
Dilution:	1.0			Initial Weight/Volume:	21.51 g
Date Analyzed:	03/15/2011 1417	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.3	25
1,2,4-Trimethylbenzene		ND		6.3	25
sec-Butylbenzene		ND		6.3	25
1,3-Dichlorobenzene		ND		6.3	25
4-Isopropyltoluene		ND		6.3	25
1,4-Dichlorobenzene		ND		6.3	25
n-Butylbenzene		ND		6.3	25
1,2-Dichlorobenzene		ND		6.3	25
1,2-Dibromo-3-Chloropropane		ND		42	130
1,2,4-Trichlorobenzene		ND		6.3	25
1,2,3-Trichlorobenzene		ND		6.3	25
Hexachlorobutadiene		ND		6.3	25
Naphthalene		ND		6.3	25
Methyl tert-butyl ether		ND		6.3	25

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	114		75 - 125
4-Bromofluorobenzene (Surr)	99		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(0-1)**

Lab Sample ID: 580-24938-17 | Date Sampled: 03/11/2011 0845
Client Matrix: Solid | % Moisture: 26.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134564.D
Dilution:	1.0			Initial Weight/Volume:	18.72 g
Date Analyzed:	03/15/2011 1439	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.4	29
Chloromethane		ND		74	290
Vinyl chloride		ND		1.5	5.9
Bromomethane		ND		26	100
Chloroethane		ND		74	290
Trichlorofluoromethane		ND		7.4	29
1,1-Dichloroethene		ND		3.7	15
Methylene Chloride		ND		7.4	29
trans-1,2-Dichloroethene		ND		7.4	29
1,1-Dichloroethane		ND		7.4	29
2,2-Dichloropropane		ND		7.4	29
cis-1,2-Dichloroethene		ND		7.4	29
Chlorobromomethane		ND		8.8	29
Chloroform		11	J B	7.4	29
1,1,1-Trichloroethane		ND		7.4	29
Carbon tetrachloride		ND		3.7	15
1,1-Dichloropropene		ND		7.4	29
Benzene		ND		2.9	12
1,2-Dichloroethane		ND		7.4	29
Trichloroethene		ND		2.9	12
1,2-Dichloropropane		ND		2.9	8.8
Dibromomethane		ND		7.4	29
Dichlorobromomethane		ND		7.4	29
cis-1,3-Dichloropropene		ND		2.9	12
Toluene		ND		7.4	29
trans-1,3-Dichloropropene		ND		2.9	12
1,1,2-Trichloroethane		ND		2.2	8.8
Tetrachloroethene		ND		3.7	15
1,3-Dichloropropane		ND		7.4	29
Chlorodibromomethane		ND		7.4	29
Ethylene Dibromide		ND		7.4	29
Chlorobenzene		ND	*	7.4	29
Ethylbenzene		ND		7.4	29
1,1,1,2-Tetrachloroethane		ND		7.4	29
1,1,2,2-Tetrachloroethane		ND		2.4	7.4
m-Xylene & p-Xylene		ND		7.4	29
o-Xylene		ND		7.4	29
Styrene		ND		7.4	29
Bromoform		ND		8.1	29
Isopropylbenzene		ND		7.4	29
Bromobenzene		ND		7.4	29
N-Propylbenzene		ND		7.4	29
1,2,3-Trichloropropane		ND		8.5	29
2-Chlorotoluene		ND		7.4	29
1,3,5-Trimethylbenzene		ND		7.4	29
4-Chlorotoluene		ND		9.6	29

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(0-1)**

Lab Sample ID: 580-24938-17 | Date Sampled: 03/11/2011 0845
Client Matrix: Solid | % Moisture: 26.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134564.D
Dilution:	1.0			Initial Weight/Volume:	18.72 g
Date Analyzed:	03/15/2011 1439	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.4	29
1,2,4-Trimethylbenzene		ND		7.4	29
sec-Butylbenzene		ND		7.4	29
1,3-Dichlorobenzene		ND		7.4	29
4-Isopropyltoluene		ND		7.4	29
1,4-Dichlorobenzene		ND		7.4	29
n-Butylbenzene		ND		7.4	29
1,2-Dichlorobenzene		ND		7.4	29
1,2-Dibromo-3-Chloropropane		ND		49	150
1,2,4-Trichlorobenzene		ND		7.4	29
1,2,3-Trichlorobenzene		ND		7.4	29
Hexachlorobutadiene		ND		7.4	29
Naphthalene		ND		7.4	29
Methyl tert-butyl ether		ND		7.4	29

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	86		85 - 115
Ethylbenzene-d10	115		75 - 125
4-Bromofluorobenzene (Surr)	99		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(3-4)**

Lab Sample ID: 580-24938-18 | Date Sampled: 03/11/2011 0900
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134565.D
Dilution:	1.0			Initial Weight/Volume:	18.35 g
Date Analyzed:	03/15/2011 1501	Run Type: RA		Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.1	28
Chloromethane		ND		71	280
Vinyl chloride		ND		1.4	5.7
Bromomethane		ND		25	100
Chloroethane		ND		71	280
Trichlorofluoromethane		ND		7.1	28
1,1-Dichloroethene		ND		3.6	14
Methylene Chloride		ND		7.1	28
trans-1,2-Dichloroethene		ND		7.1	28
1,1-Dichloroethane		ND		7.1	28
2,2-Dichloropropane		ND		7.1	28
cis-1,2-Dichloroethene		ND		7.1	28
Chlorobromomethane		ND		8.5	28
Chloroform		11	J B	7.1	28
1,1,1-Trichloroethane		ND		7.1	28
Carbon tetrachloride		ND		3.6	14
1,1-Dichloropropene		ND		7.1	28
Benzene		ND		2.8	11
1,2-Dichloroethane		ND		7.1	28
Trichloroethene		ND		2.8	11
1,2-Dichloropropane		ND		2.8	8.5
Dibromomethane		ND		7.1	28
Dichlorobromomethane		ND		7.1	28
cis-1,3-Dichloropropene		ND		2.8	11
Toluene		ND		7.1	28
trans-1,3-Dichloropropene		ND		2.8	11
1,1,2-Trichloroethane		ND		2.1	8.5
Tetrachloroethene		ND		3.6	14
1,3-Dichloropropane		ND		7.1	28
Chlorodibromomethane		ND		7.1	28
Ethylene Dibromide		ND		7.1	28
Chlorobenzene		ND	*	7.1	28
Ethylbenzene		ND		7.1	28
1,1,1,2-Tetrachloroethane		ND		7.1	28
1,1,2,2-Tetrachloroethane		ND		2.3	7.1
m-Xylene & p-Xylene		ND		7.1	28
o-Xylene		ND		7.1	28
Styrene		ND		7.1	28
Bromoform		ND		7.8	28
Isopropylbenzene		ND		7.1	28
Bromobenzene		ND		7.1	28
N-Propylbenzene		ND		7.1	28
1,2,3-Trichloropropane		ND		8.3	28
2-Chlorotoluene		ND		7.1	28
1,3,5-Trimethylbenzene		ND		7.1	28
4-Chlorotoluene		ND		9.3	28

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(3-4)**

Lab Sample ID: 580-24938-18 | Date Sampled: 03/11/2011 0900
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134565.D
Dilution:	1.0			Initial Weight/Volume:	18.35 g
Date Analyzed:	03/15/2011 1501	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.1	28
1,2,4-Trimethylbenzene		ND		7.1	28
sec-Butylbenzene		ND		7.1	28
1,3-Dichlorobenzene		ND		7.1	28
4-Isopropyltoluene		ND		7.1	28
1,4-Dichlorobenzene		ND		7.1	28
n-Butylbenzene		ND		7.1	28
1,2-Dichlorobenzene		ND		7.1	28
1,2-Dibromo-3-Chloropropane		ND		47	140
1,2,4-Trichlorobenzene		ND		7.1	28
1,2,3-Trichlorobenzene		ND		7.1	28
Hexachlorobutadiene		ND		7.1	28
Naphthalene		ND		7.1	28
Methyl tert-butyl ether		ND		7.1	28

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	86		85 - 115
Ethylbenzene-d10	116		75 - 125
4-Bromofluorobenzene (Surr)	98		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)**

Lab Sample ID: 580-24938-19 | Date Sampled: 03/11/2011 0920
Client Matrix: Solid | % Moisture: 22.9 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134566.D
Dilution:	1.0			Initial Weight/Volume:	16.47 g
Date Analyzed:	03/15/2011 1523	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		8.0	32
Chloromethane		ND		80	320
Vinyl chloride		ND		1.6	6.4
Bromomethane		ND		28	110
Chloroethane		ND		80	320
Trichlorofluoromethane		ND		8.0	32
1,1-Dichloroethene		ND		4.0	16
Methylene Chloride		ND		8.0	32
trans-1,2-Dichloroethene		ND		8.0	32
1,1-Dichloroethane		ND		8.0	32
2,2-Dichloropropane		ND		8.0	32
cis-1,2-Dichloroethene		ND		8.0	32
Chlorobromomethane		ND		9.5	32
Chloroform		14	J B	8.0	32
1,1,1-Trichloroethane		ND		8.0	32
Carbon tetrachloride		ND		4.0	16
1,1-Dichloropropene		ND		8.0	32
Benzene		ND		3.2	13
1,2-Dichloroethane		ND		8.0	32
Trichloroethene		ND		3.2	13
1,2-Dichloropropane		ND		3.1	9.5
Dibromomethane		ND		8.0	32
Dichlorobromomethane		ND		8.0	32
cis-1,3-Dichloropropene		ND		3.2	13
Toluene		ND		8.0	32
trans-1,3-Dichloropropene		ND		3.2	13
1,1,2-Trichloroethane		ND		2.4	9.5
Tetrachloroethene		ND		4.0	16
1,3-Dichloropropane		ND		8.0	32
Chlorodibromomethane		ND		8.0	32
Ethylene Dibromide		ND		8.0	32
Chlorobenzene		ND	*	8.0	32
Ethylbenzene		ND		8.0	32
1,1,1,2-Tetrachloroethane		ND		8.0	32
1,1,2,2-Tetrachloroethane		ND		2.6	8.0
m-Xylene & p-Xylene		ND		8.0	32
o-Xylene		ND		8.0	32
Styrene		ND		8.0	32
Bromoform		ND		8.7	32
Isopropylbenzene		ND		8.0	32
Bromobenzene		ND		8.0	32
N-Propylbenzene		ND		8.0	32
1,2,3-Trichloropropane		ND		9.2	32
2-Chlorotoluene		ND		8.0	32
1,3,5-Trimethylbenzene		ND		8.0	32
4-Chlorotoluene		ND		10	32

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)**

Lab Sample ID: 580-24938-19 | Date Sampled: 03/11/2011 0920
Client Matrix: Solid | % Moisture: 22.9 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134566.D
Dilution:	1.0			Initial Weight/Volume:	16.47 g
Date Analyzed:	03/15/2011 1523	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		8.0	32
1,2,4-Trimethylbenzene		ND		8.0	32
sec-Butylbenzene		ND		8.0	32
1,3-Dichlorobenzene		ND		8.0	32
4-Isopropyltoluene		ND		8.0	32
1,4-Dichlorobenzene		ND		8.0	32
n-Butylbenzene		ND		8.0	32
1,2-Dichlorobenzene		ND		8.0	32
1,2-Dibromo-3-Chloropropane		ND		52	160
1,2,4-Trichlorobenzene		ND		8.0	32
1,2,3-Trichlorobenzene		ND		8.0	32
Hexachlorobutadiene		ND		8.0	32
Naphthalene		ND		8.0	32
Methyl tert-butyl ether		ND		8.0	32

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	100		75 - 125
Toluene-d8 (Surr)	86		85 - 115
Ethylbenzene-d10	113		75 - 125
4-Bromofluorobenzene (Surr)	98		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)D**

Lab Sample ID: 580-24938-20 | Date Sampled: 03/11/2011 0921
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134567.D
Dilution:	1.0			Initial Weight/Volume:	17.80 g
Date Analyzed:	03/15/2011 1546	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.1	29
Chloromethane		ND		71	290
Vinyl chloride		ND		1.4	5.7
Bromomethane		ND		25	100
Chloroethane		ND		71	290
Trichlorofluoromethane		ND		7.1	29
1,1-Dichloroethene		ND		3.6	14
Methylene Chloride		ND		7.1	29
trans-1,2-Dichloroethene		ND		7.1	29
1,1-Dichloroethane		ND		7.1	29
2,2-Dichloropropane		ND		7.1	29
cis-1,2-Dichloroethene		ND		7.1	29
Chlorobromomethane		ND		8.6	29
Chloroform		13	J B	7.1	29
1,1,1-Trichloroethane		ND		7.1	29
Carbon tetrachloride		ND		3.6	14
1,1-Dichloropropene		ND		7.1	29
Benzene		ND		2.9	11
1,2-Dichloroethane		ND		7.1	29
Trichloroethene		ND		2.9	11
1,2-Dichloropropane		ND		2.8	8.6
Dibromomethane		ND		7.1	29
Dichlorobromomethane		ND		7.1	29
cis-1,3-Dichloropropene		ND		2.9	11
Toluene		ND		7.1	29
trans-1,3-Dichloropropene		ND		2.9	11
1,1,2-Trichloroethane		ND		2.1	8.6
Tetrachloroethene		ND		3.6	14
1,3-Dichloropropane		ND		7.1	29
Chlorodibromomethane		ND		7.1	29
Ethylene Dibromide		ND		7.1	29
Chlorobenzene		ND	*	7.1	29
Ethylbenzene		ND		7.1	29
1,1,1,2-Tetrachloroethane		ND		7.1	29
1,1,2,2-Tetrachloroethane		ND		2.4	7.1
m-Xylene & p-Xylene		ND		7.1	29
o-Xylene		ND		7.1	29
Styrene		ND		7.1	29
Bromoform		ND		7.8	29
Isopropylbenzene		ND		7.1	29
Bromobenzene		ND		7.1	29
N-Propylbenzene		ND		7.1	29
1,2,3-Trichloropropane		ND		8.3	29
2-Chlorotoluene		ND		7.1	29
1,3,5-Trimethylbenzene		ND		7.1	29
4-Chlorotoluene		ND		9.3	29

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)D**

Lab Sample ID: 580-24938-20 | Date Sampled: 03/11/2011 0921
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82301		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82175		Lab File ID:	VB00134567.D
Dilution:	1.0			Initial Weight/Volume:	17.80 g
Date Analyzed:	03/15/2011 1546	Run Type:	RA	Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.1	29
1,2,4-Trimethylbenzene		ND		7.1	29
sec-Butylbenzene		ND		7.1	29
1,3-Dichlorobenzene		ND		7.1	29
4-Isopropyltoluene		ND		7.1	29
1,4-Dichlorobenzene		ND		7.1	29
n-Butylbenzene		ND		7.1	29
1,2-Dichlorobenzene		ND		7.1	29
1,2-Dibromo-3-Chloropropane		ND		47	140
1,2,4-Trichlorobenzene		ND		7.1	29
1,2,3-Trichlorobenzene		ND		7.1	29
Hexachlorobutadiene		ND		7.1	29
Naphthalene		ND		7.1	29
Methyl tert-butyl ether		ND		7.1	29

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	86		85 - 115
Ethylbenzene-d10	118		75 - 125
4-Bromofluorobenzene (Surr)	101		85 - 120

Client: MWH Americas Inc

Job Number: 580-24938-1

Client Sample ID: **YK-SB17(3-4)**

Lab Sample ID: 580-24938-21
Client Matrix: Solid
% Moisture: 31.4

Date Sampled: 03/11/2011 0930
Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134486.D
Dilution:	1.0			Initial Weight/Volume:	16.00 g
Date Analyzed:	03/12/2011 2130			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		9.2	37
Chloromethane		ND		92	370
Vinyl chloride		ND		1.8	7.4
Bromomethane		ND		32	130
Chloroethane		ND		92	370
Trichlorofluoromethane		ND		9.2	37
1,1-Dichloroethene		ND		4.6	18
Methylene Chloride		ND		9.2	37
trans-1,2-Dichloroethene		ND		9.2	37
1,1-Dichloroethane		ND		9.2	37
2,2-Dichloropropane		ND		9.2	37
cis-1,2-Dichloroethene		ND		9.2	37
Chlorobromomethane		ND		11	37
Chloroform		ND		9.2	37
1,1,1-Trichloroethane		ND		9.2	37
Carbon tetrachloride		ND		4.6	18
1,1-Dichloropropene		ND		9.2	37
Benzene		ND		3.7	15
1,2-Dichloroethane		ND		9.2	37
Trichloroethene		ND		3.7	15
1,2-Dichloropropane		ND		3.6	11
Dibromomethane		ND		9.2	37
Dichlorobromomethane		ND		9.2	37
cis-1,3-Dichloropropene		ND		3.7	15
Toluene		ND		9.2	37
trans-1,3-Dichloropropene		ND	^	3.7	15
1,1,2-Trichloroethane		ND		2.8	11
Tetrachloroethene		ND		4.6	18
1,3-Dichloropropane		ND		9.2	37
Chlorodibromomethane		ND	^	9.2	37
Ethylene Dibromide		ND		9.2	37
Chlorobenzene		18	J * ^	9.2	37
Ethylbenzene		ND	^	9.2	37
1,1,1,2-Tetrachloroethane		ND	^	9.2	37
1,1,2,2-Tetrachloroethane		ND		3.0	9.2
m-Xylene & p-Xylene		ND	^	9.2	37
o-Xylene		ND	^	9.2	37
Styrene		ND		9.2	37
Bromoform		ND		10	37
Isopropylbenzene		ND		9.2	37
Bromobenzene		ND		9.2	37
N-Propylbenzene		ND		9.2	37
1,2,3-Trichloropropane		ND		11	37
2-Chlorotoluene		ND		9.2	37
1,3,5-Trimethylbenzene		ND		9.2	37
4-Chlorotoluene		ND		12	37

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(3-4)**

Lab Sample ID: 580-24938-21 | Date Sampled: 03/11/2011 0930
Client Matrix: Solid | % Moisture: 31.4 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82178		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134486.D
Dilution:	1.0			Initial Weight/Volume:	16.00 g
Date Analyzed:	03/12/2011 2130			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		9.2	37
1,2,4-Trimethylbenzene		ND		9.2	37
sec-Butylbenzene		ND		9.2	37
1,3-Dichlorobenzene		ND		9.2	37
4-Isopropyltoluene		ND		9.2	37
1,4-Dichlorobenzene		ND		9.2	37
n-Butylbenzene		ND		9.2	37
1,2-Dichlorobenzene		ND		9.2	37
1,2-Dibromo-3-Chloropropane		ND		61	180
1,2,4-Trichlorobenzene		ND		9.2	37
1,2,3-Trichlorobenzene		ND		9.2	37
Hexachlorobutadiene		ND		9.2	37
Naphthalene		ND		9.2	37
Methyl tert-butyl ether		ND		9.2	37

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	125		75 - 125
4-Bromofluorobenzene (Surr)	103		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(0-1)**

Lab Sample ID: 580-24938-22 | Date Sampled: 03/11/2011 0945
Client Matrix: Solid | % Moisture: 20.6 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134515.D
Dilution:	1.0			Initial Weight/Volume:	18.52 g
Date Analyzed:	03/13/2011 1357			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.9	27
Chloromethane		ND		69	270
Vinyl chloride		ND		1.4	5.5
Bromomethane		ND		24	96
Chloroethane		ND		69	270
Trichlorofluoromethane		ND		6.9	27
1,1-Dichloroethene		ND		3.4	14
Methylene Chloride		ND		6.9	27
trans-1,2-Dichloroethene		ND		6.9	27
1,1-Dichloroethane		ND		6.9	27
2,2-Dichloropropane		ND		6.9	27
cis-1,2-Dichloroethene		ND		6.9	27
Chlorobromomethane		ND		8.2	27
Chloroform		ND		6.9	27
1,1,1-Trichloroethane		ND		6.9	27
Carbon tetrachloride		ND		3.4	14
1,1-Dichloropropene		ND		6.9	27
Benzene		ND		2.7	11
1,2-Dichloroethane		ND		6.9	27
Trichloroethene		ND		2.7	11
1,2-Dichloropropane		ND		2.7	8.2
Dibromomethane		ND		6.9	27
Dichlorobromomethane		ND		6.9	27
cis-1,3-Dichloropropene		ND		2.7	11
Toluene		ND		6.9	27
trans-1,3-Dichloropropene		ND		2.7	11
1,1,2-Trichloroethane		ND		2.1	8.2
Tetrachloroethene		ND		3.4	14
1,3-Dichloropropane		ND		6.9	27
Chlorodibromomethane		ND		6.9	27
Ethylene Dibromide		ND		6.9	27
Chlorobenzene		11	J *	6.9	27
Ethylbenzene		ND		6.9	27
1,1,1,2-Tetrachloroethane		ND		6.9	27
1,1,2,2-Tetrachloroethane		ND		2.3	6.9
m-Xylene & p-Xylene		ND		6.9	27
o-Xylene		ND		6.9	27
Styrene		ND		6.9	27
Bromoform		ND		7.5	27
Isopropylbenzene		ND		6.9	27
Bromobenzene		ND		6.9	27
N-Propylbenzene		ND		6.9	27
1,2,3-Trichloropropane		ND		8.0	27
2-Chlorotoluene		ND		6.9	27
1,3,5-Trimethylbenzene		ND		6.9	27
4-Chlorotoluene		ND		8.9	27

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(0-1)**

Lab Sample ID: 580-24938-22 | Date Sampled: 03/11/2011 0945
Client Matrix: Solid | % Moisture: 20.6 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134515.D
Dilution:	1.0			Initial Weight/Volume:	18.52 g
Date Analyzed:	03/13/2011 1357			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.9	27
1,2,4-Trimethylbenzene		ND		6.9	27
sec-Butylbenzene		ND		6.9	27
1,3-Dichlorobenzene		ND		6.9	27
4-Isopropyltoluene		ND		6.9	27
1,4-Dichlorobenzene		ND		6.9	27
n-Butylbenzene		ND		6.9	27
1,2-Dichlorobenzene		ND		6.9	27
1,2-Dibromo-3-Chloropropane		ND		45	140
1,2,4-Trichlorobenzene		ND		6.9	27
1,2,3-Trichlorobenzene		ND		6.9	27
Hexachlorobutadiene		ND		6.9	27
Naphthalene		ND		6.9	27
Methyl tert-butyl ether		ND		6.9	27

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	106		75 - 125
Toluene-d8 (Surr)	90		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	102		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(3-4)**

Lab Sample ID: 580-24938-23 | Date Sampled: 03/11/2011 0950
Client Matrix: Solid | % Moisture: 24.3 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134516.D
Dilution:	1.0			Initial Weight/Volume:	19.15 g
Date Analyzed:	03/13/2011 1420			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.0	28
Chloromethane		ND		70	280
Vinyl chloride		ND		1.4	5.6
Bromomethane		ND		24	98
Chloroethane		ND		70	280
Trichlorofluoromethane		ND		7.0	28
1,1-Dichloroethene		ND		3.5	14
Methylene Chloride		ND		7.0	28
trans-1,2-Dichloroethene		ND		7.0	28
1,1-Dichloroethane		ND		7.0	28
2,2-Dichloropropane		ND		7.0	28
cis-1,2-Dichloroethene		ND		7.0	28
Chlorobromomethane		ND		8.4	28
Chloroform		ND		7.0	28
1,1,1-Trichloroethane		ND		7.0	28
Carbon tetrachloride		ND		3.5	14
1,1-Dichloropropene		ND		7.0	28
Benzene		ND		2.8	11
1,2-Dichloroethane		ND		7.0	28
Trichloroethene		ND		2.8	11
1,2-Dichloropropane		ND		2.7	8.4
Dibromomethane		ND		7.0	28
Dichlorobromomethane		ND		7.0	28
cis-1,3-Dichloropropene		ND		2.8	11
Toluene		ND		7.0	28
trans-1,3-Dichloropropene		ND		2.8	11
1,1,2-Trichloroethane		ND		2.1	8.4
Tetrachloroethene		ND		3.5	14
1,3-Dichloropropane		ND		7.0	28
Chlorodibromomethane		ND		7.0	28
Ethylene Dibromide		ND		7.0	28
Chlorobenzene		ND	*	7.0	28
Ethylbenzene		ND		7.0	28
1,1,1,2-Tetrachloroethane		ND		7.0	28
1,1,2,2-Tetrachloroethane		ND		2.3	7.0
m-Xylene & p-Xylene		ND		7.0	28
o-Xylene		ND		7.0	28
Styrene		ND		7.0	28
Bromoform		ND		7.7	28
Isopropylbenzene		ND		7.0	28
Bromobenzene		ND		7.0	28
N-Propylbenzene		ND		7.0	28
1,2,3-Trichloropropane		ND		8.1	28
2-Chlorotoluene		ND		7.0	28
1,3,5-Trimethylbenzene		ND		7.0	28
4-Chlorotoluene		ND		9.1	28

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(3-4)**

Lab Sample ID: 580-24938-23 | Date Sampled: 03/11/2011 0950
Client Matrix: Solid | % Moisture: 24.3 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134516.D
Dilution:	1.0			Initial Weight/Volume:	19.15 g
Date Analyzed:	03/13/2011 1420			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.0	28
1,2,4-Trimethylbenzene		ND		7.0	28
sec-Butylbenzene		ND		7.0	28
1,3-Dichlorobenzene		ND		7.0	28
4-Isopropyltoluene		ND		7.0	28
1,4-Dichlorobenzene		ND		7.0	28
n-Butylbenzene		ND		7.0	28
1,2-Dichlorobenzene		ND		7.0	28
1,2-Dibromo-3-Chloropropane		ND		46	140
1,2,4-Trichlorobenzene		ND		7.0	28
1,2,3-Trichlorobenzene		ND		7.0	28
Hexachlorobutadiene		ND		7.0	28
Naphthalene		ND		7.0	28
Methyl tert-butyl ether		ND		7.0	28

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	125		75 - 125
4-Bromofluorobenzene (Surr)	105		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(0-1)**

Lab Sample ID: 580-24938-24 | Date Sampled: 03/11/2011 1015
Client Matrix: Solid | % Moisture: 22.6 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134517.D
Dilution:	1.0			Initial Weight/Volume:	18.92 g
Date Analyzed:	03/13/2011 1442			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.9	28
Chloromethane		ND		69	280
Vinyl chloride		ND		1.4	5.5
Bromomethane		ND		24	97
Chloroethane		ND		69	280
Trichlorofluoromethane		ND		6.9	28
1,1-Dichloroethene		ND		3.5	14
Methylene Chloride		ND		6.9	28
trans-1,2-Dichloroethene		ND		6.9	28
1,1-Dichloroethane		ND		6.9	28
2,2-Dichloropropane		ND		6.9	28
cis-1,2-Dichloroethene		ND		6.9	28
Chlorobromomethane		ND		8.3	28
Chloroform		ND		6.9	28
1,1,1-Trichloroethane		ND		6.9	28
Carbon tetrachloride		ND		3.5	14
1,1-Dichloropropene		ND		6.9	28
Benzene		ND		2.8	11
1,2-Dichloroethane		ND		6.9	28
Trichloroethene		ND		2.8	11
1,2-Dichloropropane		ND		2.7	8.3
Dibromomethane		ND		6.9	28
Dichlorobromomethane		ND		6.9	28
cis-1,3-Dichloropropene		ND		2.8	11
Toluene		ND		6.9	28
trans-1,3-Dichloropropene		ND		2.8	11
1,1,2-Trichloroethane		ND		2.1	8.3
Tetrachloroethene		ND		3.5	14
1,3-Dichloropropane		ND		6.9	28
Chlorodibromomethane		ND		6.9	28
Ethylene Dibromide		ND		6.9	28
Chlorobenzene		ND	*	6.9	28
Ethylbenzene		ND		6.9	28
1,1,1,2-Tetrachloroethane		ND		6.9	28
1,1,2,2-Tetrachloroethane		ND		2.3	6.9
m-Xylene & p-Xylene		ND		6.9	28
o-Xylene		ND		6.9	28
Styrene		ND		6.9	28
Bromoform		ND		7.6	28
Isopropylbenzene		ND		6.9	28
Bromobenzene		ND		6.9	28
N-Propylbenzene		ND		6.9	28
1,2,3-Trichloropropane		ND		8.0	28
2-Chlorotoluene		ND		6.9	28
1,3,5-Trimethylbenzene		ND		6.9	28
4-Chlorotoluene		ND		9.0	28

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(0-1)**

Lab Sample ID: 580-24938-24 | Date Sampled: 03/11/2011 1015
Client Matrix: Solid | % Moisture: 22.6 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134517.D
Dilution:	1.0			Initial Weight/Volume:	18.92 g
Date Analyzed:	03/13/2011 1442			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.9	28
1,2,4-Trimethylbenzene		ND		6.9	28
sec-Butylbenzene		ND		6.9	28
1,3-Dichlorobenzene		ND		6.9	28
4-Isopropyltoluene		ND		6.9	28
1,4-Dichlorobenzene		ND		6.9	28
n-Butylbenzene		ND		6.9	28
1,2-Dichlorobenzene		ND		6.9	28
1,2-Dibromo-3-Chloropropane		ND		46	140
1,2,4-Trichlorobenzene		ND		6.9	28
1,2,3-Trichlorobenzene		ND		6.9	28
Hexachlorobutadiene		ND		6.9	28
Naphthalene		ND		6.9	28
Methyl tert-butyl ether		ND		6.9	28

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	132	X	75 - 125
4-Bromofluorobenzene (Surr)	106		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(3-4)**

Lab Sample ID: 580-24938-25 | Date Sampled: 03/11/2011 1055
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134518.D
Dilution:	1.0			Initial Weight/Volume:	16.96 g
Date Analyzed:	03/13/2011 1504			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.9	32
Chloromethane		ND		79	320
Vinyl chloride		ND		1.6	6.3
Bromomethane		ND		28	110
Chloroethane		ND		79	320
Trichlorofluoromethane		ND		7.9	32
1,1-Dichloroethene		ND		4.0	16
Methylene Chloride		ND		7.9	32
trans-1,2-Dichloroethene		ND		7.9	32
1,1-Dichloroethane		ND		7.9	32
2,2-Dichloropropane		ND		7.9	32
cis-1,2-Dichloroethene		ND		7.9	32
Chlorobromomethane		ND		9.5	32
Chloroform		ND		7.9	32
1,1,1-Trichloroethane		ND		7.9	32
Carbon tetrachloride		ND		4.0	16
1,1-Dichloropropene		ND		7.9	32
Benzene		ND		3.2	13
1,2-Dichloroethane		ND		7.9	32
Trichloroethene		ND		3.2	13
1,2-Dichloropropane		ND		3.1	9.5
Dibromomethane		ND		7.9	32
Dichlorobromomethane		ND		7.9	32
cis-1,3-Dichloropropene		ND		3.2	13
Toluene		ND		7.9	32
trans-1,3-Dichloropropene		ND		3.2	13
1,1,2-Trichloroethane		ND		2.4	9.5
Tetrachloroethene		ND		4.0	16
1,3-Dichloropropane		ND		7.9	32
Chlorodibromomethane		ND		7.9	32
Ethylene Dibromide		ND		7.9	32
Chlorobenzene		ND	*	7.9	32
Ethylbenzene		ND		7.9	32
1,1,1,2-Tetrachloroethane		ND		7.9	32
1,1,2,2-Tetrachloroethane		ND		2.6	7.9
m-Xylene & p-Xylene		ND		7.9	32
o-Xylene		ND		7.9	32
Styrene		ND		7.9	32
Bromoform		ND		8.7	32
Isopropylbenzene		ND		7.9	32
Bromobenzene		ND		7.9	32
N-Propylbenzene		ND		7.9	32
1,2,3-Trichloropropane		ND		9.2	32
2-Chlorotoluene		ND		7.9	32
1,3,5-Trimethylbenzene		ND		7.9	32
4-Chlorotoluene		ND		10	32

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(3-4)**

Lab Sample ID: 580-24938-25 | Date Sampled: 03/11/2011 1055
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134518.D
Dilution:	1.0			Initial Weight/Volume:	16.96 g
Date Analyzed:	03/13/2011 1504			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.9	32
1,2,4-Trimethylbenzene		ND		7.9	32
sec-Butylbenzene		ND		7.9	32
1,3-Dichlorobenzene		ND		7.9	32
4-Isopropyltoluene		ND		7.9	32
1,4-Dichlorobenzene		ND		7.9	32
n-Butylbenzene		ND		7.9	32
1,2-Dichlorobenzene		ND		7.9	32
1,2-Dibromo-3-Chloropropane		ND		52	160
1,2,4-Trichlorobenzene		ND		7.9	32
1,2,3-Trichlorobenzene		ND		7.9	32
Hexachlorobutadiene		ND		7.9	32
Naphthalene		ND		7.9	32
Methyl tert-butyl ether		ND		7.9	32

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	107		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(0-1)**

Lab Sample ID: 580-24938-26 | Date Sampled: 03/11/2011 1105
Client Matrix: Solid | % Moisture: 20.1 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134519.D
Dilution:	1.0			Initial Weight/Volume:	16.68 g
Date Analyzed:	03/13/2011 1526			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.6	30
Chloromethane		ND		76	300
Vinyl chloride		ND		1.5	6.1
Bromomethane		ND		26	110
Chloroethane		ND		76	300
Trichlorofluoromethane		ND		7.6	30
1,1-Dichloroethene		ND		3.8	15
Methylene Chloride		ND		7.6	30
trans-1,2-Dichloroethene		ND		7.6	30
1,1-Dichloroethane		ND		7.6	30
2,2-Dichloropropane		ND		7.6	30
cis-1,2-Dichloroethene		ND		7.6	30
Chlorobromomethane		ND		9.1	30
Chloroform		ND		7.6	30
1,1,1-Trichloroethane		ND		7.6	30
Carbon tetrachloride		ND		3.8	15
1,1-Dichloropropene		ND		7.6	30
Benzene		ND		3.0	12
1,2-Dichloroethane		ND		7.6	30
Trichloroethene		ND		3.0	12
1,2-Dichloropropane		ND		2.9	9.1
Dibromomethane		ND		7.6	30
Dichlorobromomethane		ND		7.6	30
cis-1,3-Dichloropropene		ND		3.0	12
Toluene		ND		7.6	30
trans-1,3-Dichloropropene		ND		3.0	12
1,1,2-Trichloroethane		ND		2.3	9.1
Tetrachloroethene		ND		3.8	15
1,3-Dichloropropane		ND		7.6	30
Chlorodibromomethane		ND		7.6	30
Ethylene Dibromide		ND		7.6	30
Chlorobenzene		ND	*	7.6	30
Ethylbenzene		ND		7.6	30
1,1,1,2-Tetrachloroethane		ND		7.6	30
1,1,2,2-Tetrachloroethane		ND		2.5	7.6
m-Xylene & p-Xylene		ND		7.6	30
o-Xylene		ND		7.6	30
Styrene		ND		7.6	30
Bromoform		ND		8.3	30
Isopropylbenzene		ND		7.6	30
Bromobenzene		ND		7.6	30
N-Propylbenzene		ND		7.6	30
1,2,3-Trichloropropane		ND		8.8	30
2-Chlorotoluene		ND		7.6	30
1,3,5-Trimethylbenzene		ND		7.6	30
4-Chlorotoluene		ND		9.8	30

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(0-1)**

Lab Sample ID: 580-24938-26 | Date Sampled: 03/11/2011 1105
Client Matrix: Solid | % Moisture: 20.1 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134519.D
Dilution:	1.0			Initial Weight/Volume:	16.68 g
Date Analyzed:	03/13/2011 1526			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.6	30
1,2,4-Trimethylbenzene		ND		7.6	30
sec-Butylbenzene		ND		7.6	30
1,3-Dichlorobenzene		ND		7.6	30
4-Isopropyltoluene		ND		7.6	30
1,4-Dichlorobenzene		ND		7.6	30
n-Butylbenzene		ND		7.6	30
1,2-Dichlorobenzene		ND		7.6	30
1,2-Dibromo-3-Chloropropane		ND		50	150
1,2,4-Trichlorobenzene		ND		7.6	30
1,2,3-Trichlorobenzene		ND		7.6	30
Hexachlorobutadiene		ND		7.6	30
Naphthalene		ND		7.6	30
Methyl tert-butyl ether		ND		7.6	30

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	131	X	75 - 125
4-Bromofluorobenzene (Surr)	106		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(4-5)**

Lab Sample ID: 580-24938-27 | Date Sampled: 03/11/2011 1115
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134520.D
Dilution:	1.0			Initial Weight/Volume:	22.02 g
Date Analyzed:	03/13/2011 1548			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		5.8	23
Chloromethane		ND		58	230
Vinyl chloride		ND		1.2	4.6
Bromomethane		ND		20	81
Chloroethane		ND		58	230
Trichlorofluoromethane		ND		5.8	23
1,1-Dichloroethene		ND		2.9	12
Methylene Chloride		ND		5.8	23
trans-1,2-Dichloroethene		ND		5.8	23
1,1-Dichloroethane		ND		5.8	23
2,2-Dichloropropane		ND		5.8	23
cis-1,2-Dichloroethene		ND		5.8	23
Chlorobromomethane		ND		6.9	23
Chloroform		ND		5.8	23
1,1,1-Trichloroethane		ND		5.8	23
Carbon tetrachloride		ND		2.9	12
1,1-Dichloropropene		ND		5.8	23
Benzene		ND		2.3	9.2
1,2-Dichloroethane		ND		5.8	23
Trichloroethene		ND		2.3	9.2
1,2-Dichloropropane		ND		2.2	6.9
Dibromomethane		ND		5.8	23
Dichlorobromomethane		ND		5.8	23
cis-1,3-Dichloropropene		ND		2.3	9.2
Toluene		ND		5.8	23
trans-1,3-Dichloropropene		ND		2.3	9.2
1,1,2-Trichloroethane		ND		1.7	6.9
Tetrachloroethene		ND		2.9	12
1,3-Dichloropropane		ND		5.8	23
Chlorodibromomethane		ND		5.8	23
Ethylene Dibromide		ND		5.8	23
Chlorobenzene		ND	*	5.8	23
Ethylbenzene		ND		5.8	23
1,1,1,2-Tetrachloroethane		ND		5.8	23
1,1,2,2-Tetrachloroethane		ND		1.9	5.8
m-Xylene & p-Xylene		ND		5.8	23
o-Xylene		ND		5.8	23
Styrene		ND		5.8	23
Bromoform		ND		6.3	23
Isopropylbenzene		ND		5.8	23
Bromobenzene		ND		5.8	23
N-Propylbenzene		ND		5.8	23
1,2,3-Trichloropropane		ND		6.7	23
2-Chlorotoluene		ND		5.8	23
1,3,5-Trimethylbenzene		ND		5.8	23
4-Chlorotoluene		ND		7.5	23

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(4-5)**

Lab Sample ID: 580-24938-27 | Date Sampled: 03/11/2011 1115
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134520.D
Dilution:	1.0			Initial Weight/Volume:	22.02 g
Date Analyzed:	03/13/2011 1548			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		5.8	23
1,2,4-Trimethylbenzene		ND		5.8	23
sec-Butylbenzene		ND		5.8	23
1,3-Dichlorobenzene		ND		5.8	23
4-Isopropyltoluene		ND		5.8	23
1,4-Dichlorobenzene		ND		5.8	23
n-Butylbenzene		ND		5.8	23
1,2-Dichlorobenzene		ND		5.8	23
1,2-Dibromo-3-Chloropropane		ND		38	120
1,2,4-Trichlorobenzene		ND		5.8	23
1,2,3-Trichlorobenzene		ND		5.8	23
Hexachlorobutadiene		ND		5.8	23
Naphthalene		ND		5.8	23
Methyl tert-butyl ether		ND		5.8	23

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	131	X	75 - 125
4-Bromofluorobenzene (Surr)	112		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(0-1)**

Lab Sample ID: 580-24938-28 | Date Sampled: 03/11/2011 1130
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134521.D
Dilution:	1.0			Initial Weight/Volume:	18.40 g
Date Analyzed:	03/13/2011 1610			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.4	26
Chloromethane		ND		64	260
Vinyl chloride		ND		1.3	5.1
Bromomethane		ND		22	90
Chloroethane		ND		64	260
Trichlorofluoromethane		ND		6.4	26
1,1-Dichloroethene		ND		3.2	13
Methylene Chloride		ND		6.4	26
trans-1,2-Dichloroethene		ND		6.4	26
1,1-Dichloroethane		ND		6.4	26
2,2-Dichloropropane		ND		6.4	26
cis-1,2-Dichloroethene		ND		6.4	26
Chlorobromomethane		ND		7.7	26
Chloroform		ND		6.4	26
1,1,1-Trichloroethane		ND		6.4	26
Carbon tetrachloride		ND		3.2	13
1,1-Dichloropropene		ND		6.4	26
Benzene		ND		2.6	10
1,2-Dichloroethane		ND		6.4	26
Trichloroethene		ND		2.6	10
1,2-Dichloropropane		ND		2.5	7.7
Dibromomethane		ND		6.4	26
Dichlorobromomethane		ND		6.4	26
cis-1,3-Dichloropropene		ND		2.6	10
Toluene		ND		6.4	26
trans-1,3-Dichloropropene		ND		2.6	10
1,1,2-Trichloroethane		ND		1.9	7.7
Tetrachloroethene		ND		3.2	13
1,3-Dichloropropane		ND		6.4	26
Chlorodibromomethane		ND		6.4	26
Ethylene Dibromide		ND		6.4	26
Chlorobenzene		ND	*	6.4	26
Ethylbenzene		ND		6.4	26
1,1,1,2-Tetrachloroethane		ND		6.4	26
1,1,2,2-Tetrachloroethane		ND		2.1	6.4
m-Xylene & p-Xylene		ND		6.4	26
o-Xylene		ND		6.4	26
Styrene		ND		6.4	26
Bromoform		ND		7.1	26
Isopropylbenzene		ND		6.4	26
Bromobenzene		ND		6.4	26
N-Propylbenzene		ND		6.4	26
1,2,3-Trichloropropane		ND		7.5	26
2-Chlorotoluene		ND		6.4	26
1,3,5-Trimethylbenzene		ND		6.4	26
4-Chlorotoluene		ND		8.4	26

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(0-1)**

Lab Sample ID: 580-24938-28 | Date Sampled: 03/11/2011 1130
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134521.D
Dilution:	1.0			Initial Weight/Volume:	18.40 g
Date Analyzed:	03/13/2011 1610			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.4	26
1,2,4-Trimethylbenzene		ND		6.4	26
sec-Butylbenzene		ND		6.4	26
1,3-Dichlorobenzene		ND		6.4	26
4-Isopropyltoluene		ND		6.4	26
1,4-Dichlorobenzene		ND		6.4	26
n-Butylbenzene		ND		6.4	26
1,2-Dichlorobenzene		ND		6.4	26
1,2-Dibromo-3-Chloropropane		ND		42	130
1,2,4-Trichlorobenzene		ND		6.4	26
1,2,3-Trichlorobenzene		ND		6.4	26
Hexachlorobutadiene		ND		6.4	26
Naphthalene		ND		6.4	26
Methyl tert-butyl ether		ND		6.4	26

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	126	X	75 - 125
4-Bromofluorobenzene (Surr)	105		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(3-4)**

Lab Sample ID: 580-24938-29 | Date Sampled: 03/11/2011 1140
Client Matrix: Solid | % Moisture: 17.6 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134522.D
Dilution:	1.0			Initial Weight/Volume:	16.83 g
Date Analyzed:	03/13/2011 1632			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.3	29
Chloromethane		ND		73	290
Vinyl chloride		ND		1.5	5.8
Bromomethane		ND		25	100
Chloroethane		ND		73	290
Trichlorofluoromethane		ND		7.3	29
1,1-Dichloroethene		ND		3.6	15
Methylene Chloride		ND		7.3	29
trans-1,2-Dichloroethene		ND		7.3	29
1,1-Dichloroethane		ND		7.3	29
2,2-Dichloropropane		ND		7.3	29
cis-1,2-Dichloroethene		ND		7.3	29
Chlorobromomethane		ND		8.7	29
Chloroform		ND		7.3	29
1,1,1-Trichloroethane		ND		7.3	29
Carbon tetrachloride		ND		3.6	15
1,1-Dichloropropene		ND		7.3	29
Benzene		ND		2.9	12
1,2-Dichloroethane		ND		7.3	29
Trichloroethene		ND		2.9	12
1,2-Dichloropropane		ND		2.8	8.7
Dibromomethane		ND		7.3	29
Dichlorobromomethane		ND		7.3	29
cis-1,3-Dichloropropene		ND		2.9	12
Toluene		ND		7.3	29
trans-1,3-Dichloropropene		ND		2.9	12
1,1,2-Trichloroethane		ND		2.2	8.7
Tetrachloroethene		ND		3.6	15
1,3-Dichloropropane		ND		7.3	29
Chlorodibromomethane		ND		7.3	29
Ethylene Dibromide		ND		7.3	29
Chlorobenzene		ND	*	7.3	29
Ethylbenzene		ND		7.3	29
1,1,1,2-Tetrachloroethane		ND		7.3	29
1,1,2,2-Tetrachloroethane		ND		2.4	7.3
m-Xylene & p-Xylene		ND		7.3	29
o-Xylene		ND		7.3	29
Styrene		ND		7.3	29
Bromoform		ND		8.0	29
Isopropylbenzene		ND		7.3	29
Bromobenzene		ND		7.3	29
N-Propylbenzene		ND		7.3	29
1,2,3-Trichloropropane		ND		8.4	29
2-Chlorotoluene		ND		7.3	29
1,3,5-Trimethylbenzene		ND		7.3	29
4-Chlorotoluene		ND		9.4	29

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(3-4)**

Lab Sample ID: 580-24938-29 | Date Sampled: 03/11/2011 1140
Client Matrix: Solid | % Moisture: 17.6 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134522.D
Dilution:	1.0			Initial Weight/Volume:	16.83 g
Date Analyzed:	03/13/2011 1632			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.3	29
1,2,4-Trimethylbenzene		ND		7.3	29
sec-Butylbenzene		ND		7.3	29
1,3-Dichlorobenzene		ND		7.3	29
4-Isopropyltoluene		ND		7.3	29
1,4-Dichlorobenzene		ND		7.3	29
n-Butylbenzene		ND		7.3	29
1,2-Dichlorobenzene		ND		7.3	29
1,2-Dibromo-3-Chloropropane		ND		48	150
1,2,4-Trichlorobenzene		ND		7.3	29
1,2,3-Trichlorobenzene		ND		7.3	29
Hexachlorobutadiene		ND		7.3	29
Naphthalene		ND		7.3	29
Methyl tert-butyl ether		ND		7.3	29

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	126	X	75 - 125
4-Bromofluorobenzene (Surr)	106		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(0-1)**

Lab Sample ID: 580-24938-30 | Date Sampled: 03/11/2011 1205
Client Matrix: Solid | % Moisture: 17.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134523.D
Dilution:	1.0			Initial Weight/Volume:	17.94 g
Date Analyzed:	03/13/2011 1654			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.8	27
Chloromethane		ND		68	270
Vinyl chloride		ND		1.4	5.4
Bromomethane		ND		24	95
Chloroethane		ND		68	270
Trichlorofluoromethane		ND		6.8	27
1,1-Dichloroethene		ND		3.4	14
Methylene Chloride		ND		6.8	27
trans-1,2-Dichloroethene		ND		6.8	27
1,1-Dichloroethane		ND		6.8	27
2,2-Dichloropropane		ND		6.8	27
cis-1,2-Dichloroethene		ND		6.8	27
Chlorobromomethane		ND		8.2	27
Chloroform		ND		6.8	27
1,1,1-Trichloroethane		ND		6.8	27
Carbon tetrachloride		ND		3.4	14
1,1-Dichloropropene		ND		6.8	27
Benzene		ND		2.7	11
1,2-Dichloroethane		ND		6.8	27
Trichloroethene		ND		2.7	11
1,2-Dichloropropane		ND		2.7	8.2
Dibromomethane		ND		6.8	27
Dichlorobromomethane		ND		6.8	27
cis-1,3-Dichloropropene		ND		2.7	11
Toluene		ND		6.8	27
trans-1,3-Dichloropropene		ND		2.7	11
1,1,2-Trichloroethane		ND		2.0	8.2
Tetrachloroethene		ND		3.4	14
1,3-Dichloropropane		ND		6.8	27
Chlorodibromomethane		ND		6.8	27
Ethylene Dibromide		ND		6.8	27
Chlorobenzene		ND	*	6.8	27
Ethylbenzene		ND		6.8	27
1,1,1,2-Tetrachloroethane		ND		6.8	27
1,1,2,2-Tetrachloroethane		ND		2.2	6.8
m-Xylene & p-Xylene		ND		6.8	27
o-Xylene		ND		6.8	27
Styrene		ND		6.8	27
Bromoform		ND		7.5	27
Isopropylbenzene		ND		6.8	27
Bromobenzene		ND		6.8	27
N-Propylbenzene		ND		6.8	27
1,2,3-Trichloropropane		ND		7.9	27
2-Chlorotoluene		ND		6.8	27
1,3,5-Trimethylbenzene		ND		6.8	27
4-Chlorotoluene		ND		8.9	27

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(0-1)**

Lab Sample ID: 580-24938-30 | Date Sampled: 03/11/2011 1205
Client Matrix: Solid | % Moisture: 17.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134523.D
Dilution:	1.0			Initial Weight/Volume:	17.94 g
Date Analyzed:	03/13/2011 1654			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.8	27
1,2,4-Trimethylbenzene		ND		6.8	27
sec-Butylbenzene		ND		6.8	27
1,3-Dichlorobenzene		ND		6.8	27
4-Isopropyltoluene		ND		6.8	27
1,4-Dichlorobenzene		ND		6.8	27
n-Butylbenzene		ND		6.8	27
1,2-Dichlorobenzene		ND		6.8	27
1,2-Dibromo-3-Chloropropane		ND		45	140
1,2,4-Trichlorobenzene		ND		6.8	27
1,2,3-Trichlorobenzene		ND		6.8	27
Hexachlorobutadiene		ND		6.8	27
Naphthalene		ND		6.8	27
Methyl tert-butyl ether		ND		6.8	27

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	125		75 - 125
4-Bromofluorobenzene (Surr)	103		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(3-4)**

Lab Sample ID: 580-24938-31 | Date Sampled: 03/11/2011 1215
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134524.D
Dilution:	1.0			Initial Weight/Volume:	16.06 g
Date Analyzed:	03/13/2011 1717			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.9	32
Chloromethane		ND		79	320
Vinyl chloride		ND		1.6	6.3
Bromomethane		ND		28	110
Chloroethane		ND		79	320
Trichlorofluoromethane		ND		7.9	32
1,1-Dichloroethene		ND		3.9	16
Methylene Chloride		ND		7.9	32
trans-1,2-Dichloroethene		ND		7.9	32
1,1-Dichloroethane		ND		7.9	32
2,2-Dichloropropane		ND		7.9	32
cis-1,2-Dichloroethene		ND		7.9	32
Chlorobromomethane		ND		9.5	32
Chloroform		ND		7.9	32
1,1,1-Trichloroethane		ND		7.9	32
Carbon tetrachloride		ND		3.9	16
1,1-Dichloropropene		ND		7.9	32
Benzene		ND		3.2	13
1,2-Dichloroethane		ND		7.9	32
Trichloroethene		ND		3.2	13
1,2-Dichloropropane		ND		3.1	9.5
Dibromomethane		ND		7.9	32
Dichlorobromomethane		ND		7.9	32
cis-1,3-Dichloropropene		ND		3.2	13
Toluene		ND		7.9	32
trans-1,3-Dichloropropene		ND		3.2	13
1,1,2-Trichloroethane		ND		2.4	9.5
Tetrachloroethene		5.2	J B	3.9	16
1,3-Dichloropropane		ND		7.9	32
Chlorodibromomethane		ND		7.9	32
Ethylene Dibromide		ND		7.9	32
Chlorobenzene		ND	*	7.9	32
Ethylbenzene		ND		7.9	32
1,1,1,2-Tetrachloroethane		ND		7.9	32
1,1,2,2-Tetrachloroethane		ND		2.6	7.9
m-Xylene & p-Xylene		ND		7.9	32
o-Xylene		ND		7.9	32
Styrene		ND		7.9	32
Bromoform		ND		8.7	32
Isopropylbenzene		ND		7.9	32
Bromobenzene		ND		7.9	32
N-Propylbenzene		ND		7.9	32
1,2,3-Trichloropropane		ND		9.2	32
2-Chlorotoluene		ND		7.9	32
1,3,5-Trimethylbenzene		ND		7.9	32
4-Chlorotoluene		ND		10	32

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(3-4)**

Lab Sample ID: 580-24938-31 | Date Sampled: 03/11/2011 1215
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134524.D
Dilution:	1.0			Initial Weight/Volume:	16.06 g
Date Analyzed:	03/13/2011 1717			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.9	32
1,2,4-Trimethylbenzene		ND		7.9	32
sec-Butylbenzene		ND		7.9	32
1,3-Dichlorobenzene		ND		7.9	32
4-Isopropyltoluene		ND		7.9	32
1,4-Dichlorobenzene		ND		7.9	32
n-Butylbenzene		ND		7.9	32
1,2-Dichlorobenzene		ND		7.9	32
1,2-Dibromo-3-Chloropropane		ND		52	160
1,2,4-Trichlorobenzene		ND		7.9	32
1,2,3-Trichlorobenzene		ND		7.9	32
Hexachlorobutadiene		ND		7.9	32
Naphthalene		ND		7.9	32
Methyl tert-butyl ether		ND		7.9	32

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	125		75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(0-1)**

Lab Sample ID: 580-24938-32 | Date Sampled: 03/11/2011 1226
Client Matrix: Solid | % Moisture: 19.3 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134525.D
Dilution:	1.0			Initial Weight/Volume:	19.50 g
Date Analyzed:	03/13/2011 1739			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.4	26
Chloromethane		ND		64	260
Vinyl chloride		ND		1.3	5.1
Bromomethane		ND		22	90
Chloroethane		ND		64	260
Trichlorofluoromethane		ND		6.4	26
1,1-Dichloroethene		ND		3.2	13
Methylene Chloride		ND		6.4	26
trans-1,2-Dichloroethene		ND		6.4	26
1,1-Dichloroethane		ND		6.4	26
2,2-Dichloropropane		ND		6.4	26
cis-1,2-Dichloroethene		ND		6.4	26
Chlorobromomethane		ND		7.7	26
Chloroform		ND		6.4	26
1,1,1-Trichloroethane		ND		6.4	26
Carbon tetrachloride		ND		3.2	13
1,1-Dichloropropene		ND		6.4	26
Benzene		ND		2.6	10
1,2-Dichloroethane		ND		6.4	26
Trichloroethene		ND		2.6	10
1,2-Dichloropropane		ND		2.5	7.7
Dibromomethane		ND		6.4	26
Dichlorobromomethane		ND		6.4	26
cis-1,3-Dichloropropene		ND		2.6	10
Toluene		ND		6.4	26
trans-1,3-Dichloropropene		ND		2.6	10
1,1,2-Trichloroethane		ND		1.9	7.7
Tetrachloroethene		ND		3.2	13
1,3-Dichloropropane		ND		6.4	26
Chlorodibromomethane		ND		6.4	26
Ethylene Dibromide		ND		6.4	26
Chlorobenzene		ND	*	6.4	26
Ethylbenzene		ND		6.4	26
1,1,1,2-Tetrachloroethane		ND		6.4	26
1,1,2,2-Tetrachloroethane		ND		2.1	6.4
m-Xylene & p-Xylene		ND		6.4	26
o-Xylene		ND		6.4	26
Styrene		ND		6.4	26
Bromoform		ND		7.1	26
Isopropylbenzene		ND		6.4	26
Bromobenzene		ND		6.4	26
N-Propylbenzene		ND		6.4	26
1,2,3-Trichloropropane		ND		7.4	26
2-Chlorotoluene		ND		6.4	26
1,3,5-Trimethylbenzene		ND		6.4	26
4-Chlorotoluene		ND		8.3	26

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(0-1)**

Lab Sample ID: 580-24938-32 | Date Sampled: 03/11/2011 1226
Client Matrix: Solid | % Moisture: 19.3 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134525.D
Dilution:	1.0			Initial Weight/Volume:	19.50 g
Date Analyzed:	03/13/2011 1739			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.4	26
1,2,4-Trimethylbenzene		ND		6.4	26
sec-Butylbenzene		ND		6.4	26
1,3-Dichlorobenzene		ND		6.4	26
4-Isopropyltoluene		ND		6.4	26
1,4-Dichlorobenzene		ND		6.4	26
n-Butylbenzene		ND		6.4	26
1,2-Dichlorobenzene		ND		6.4	26
1,2-Dibromo-3-Chloropropane		ND		42	130
1,2,4-Trichlorobenzene		ND		6.4	26
1,2,3-Trichlorobenzene		ND		6.4	26
Hexachlorobutadiene		ND		6.4	26
Naphthalene		ND		6.4	26
Methyl tert-butyl ether		ND		6.4	26

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	125		75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(4-5)**

Lab Sample ID: 580-24938-33 | Date Sampled: 03/11/2011 1230
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134526.D
Dilution:	1.0			Initial Weight/Volume:	22.42 g
Date Analyzed:	03/13/2011 1801			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		5.9	24
Chloromethane		ND		59	240
Vinyl chloride		ND		1.2	4.7
Bromomethane		ND		21	82
Chloroethane		ND		59	240
Trichlorofluoromethane		ND		5.9	24
1,1-Dichloroethene		ND		2.9	12
Methylene Chloride		ND		5.9	24
trans-1,2-Dichloroethene		ND		5.9	24
1,1-Dichloroethane		ND		5.9	24
2,2-Dichloropropane		ND		5.9	24
cis-1,2-Dichloroethene		ND		5.9	24
Chlorobromomethane		ND		7.1	24
Chloroform		ND		5.9	24
1,1,1-Trichloroethane		ND		5.9	24
Carbon tetrachloride		ND		2.9	12
1,1-Dichloropropene		ND		5.9	24
Benzene		ND		2.4	9.4
1,2-Dichloroethane		ND		5.9	24
Trichloroethene		ND		2.4	9.4
1,2-Dichloropropane		ND		2.3	7.1
Dibromomethane		ND		5.9	24
Dichlorobromomethane		ND		5.9	24
cis-1,3-Dichloropropene		ND		2.4	9.4
Toluene		ND		5.9	24
trans-1,3-Dichloropropene		ND		2.4	9.4
1,1,2-Trichloroethane		ND		1.8	7.1
Tetrachloroethene		ND		2.9	12
1,3-Dichloropropane		ND		5.9	24
Chlorodibromomethane		ND		5.9	24
Ethylene Dibromide		ND		5.9	24
Chlorobenzene		ND	*	5.9	24
Ethylbenzene		ND		5.9	24
1,1,1,2-Tetrachloroethane		ND		5.9	24
1,1,2,2-Tetrachloroethane		ND		1.9	5.9
m-Xylene & p-Xylene		ND		5.9	24
o-Xylene		ND		5.9	24
Styrene		ND		5.9	24
Bromoform		ND		6.5	24
Isopropylbenzene		ND		5.9	24
Bromobenzene		ND		5.9	24
N-Propylbenzene		ND		5.9	24
1,2,3-Trichloropropane		ND		6.8	24
2-Chlorotoluene		ND		5.9	24
1,3,5-Trimethylbenzene		ND		5.9	24
4-Chlorotoluene		ND		7.7	24

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(4-5)**

Lab Sample ID: 580-24938-33 | Date Sampled: 03/11/2011 1230
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134526.D
Dilution:	1.0			Initial Weight/Volume:	22.42 g
Date Analyzed:	03/13/2011 1801			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		5.9	24
1,2,4-Trimethylbenzene		ND		5.9	24
sec-Butylbenzene		ND		5.9	24
1,3-Dichlorobenzene		ND		5.9	24
4-Isopropyltoluene		ND		5.9	24
1,4-Dichlorobenzene		ND		5.9	24
n-Butylbenzene		ND		5.9	24
1,2-Dichlorobenzene		ND		5.9	24
1,2-Dibromo-3-Chloropropane		ND		39	120
1,2,4-Trichlorobenzene		ND		5.9	24
1,2,3-Trichlorobenzene		ND		5.9	24
Hexachlorobutadiene		ND		5.9	24
Naphthalene		ND		5.9	24
Methyl tert-butyl ether		ND		5.9	24

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	126	X	75 - 125
4-Bromofluorobenzene (Surr)	106		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(0-1)**

Lab Sample ID: 580-24938-34 | Date Sampled: 03/11/2011 1410
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134527.D
Dilution:	1.0			Initial Weight/Volume:	23.58 g
Date Analyzed:	03/13/2011 1823			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		4.6	19
Chloromethane		ND		46	190
Vinyl chloride		ND		0.93	3.7
Bromomethane		ND		16	65
Chloroethane		ND		46	190
Trichlorofluoromethane		ND		4.6	19
1,1-Dichloroethene		ND		2.3	9.3
Methylene Chloride		ND		4.6	19
trans-1,2-Dichloroethene		ND		4.6	19
1,1-Dichloroethane		ND		4.6	19
2,2-Dichloropropane		ND		4.6	19
cis-1,2-Dichloroethene		ND		4.6	19
Chlorobromomethane		ND		5.6	19
Chloroform		ND		4.6	19
1,1,1-Trichloroethane		ND		4.6	19
Carbon tetrachloride		ND		2.3	9.3
1,1-Dichloropropene		ND		4.6	19
Benzene		ND		1.9	7.4
1,2-Dichloroethane		ND		4.6	19
Trichloroethene		ND		1.9	7.4
1,2-Dichloropropane		ND		1.8	5.6
Dibromomethane		ND		4.6	19
Dichlorobromomethane		ND		4.6	19
cis-1,3-Dichloropropene		ND		1.9	7.4
Toluene		ND		4.6	19
trans-1,3-Dichloropropene		ND		1.9	7.4
1,1,2-Trichloroethane		ND		1.4	5.6
Tetrachloroethene		ND		2.3	9.3
1,3-Dichloropropane		ND		4.6	19
Chlorodibromomethane		ND		4.6	19
Ethylene Dibromide		ND		4.6	19
Chlorobenzene		ND	*	4.6	19
Ethylbenzene		ND		4.6	19
1,1,1,2-Tetrachloroethane		ND		4.6	19
1,1,2,2-Tetrachloroethane		ND		1.5	4.6
m-Xylene & p-Xylene		ND		4.6	19
o-Xylene		ND		4.6	19
Styrene		ND		4.6	19
Bromoform		ND		5.1	19
Isopropylbenzene		ND		4.6	19
Bromobenzene		ND		4.6	19
N-Propylbenzene		ND		4.6	19
1,2,3-Trichloropropane		ND		5.4	19
2-Chlorotoluene		ND		4.6	19
1,3,5-Trimethylbenzene		ND		4.6	19
4-Chlorotoluene		ND		6.0	19

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(0-1)**

Lab Sample ID: 580-24938-34 | Date Sampled: 03/11/2011 1410
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134527.D
Dilution:	1.0			Initial Weight/Volume:	23.58 g
Date Analyzed:	03/13/2011 1823			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		4.6	19
1,2,4-Trimethylbenzene		ND		4.6	19
sec-Butylbenzene		ND		4.6	19
1,3-Dichlorobenzene		ND		4.6	19
4-Isopropyltoluene		ND		4.6	19
1,4-Dichlorobenzene		ND		4.6	19
n-Butylbenzene		ND		4.6	19
1,2-Dichlorobenzene		ND		4.6	19
1,2-Dibromo-3-Chloropropane		ND		31	93
1,2,4-Trichlorobenzene		ND		4.6	19
1,2,3-Trichlorobenzene		ND		4.6	19
Hexachlorobutadiene		ND		4.6	19
Naphthalene		ND		4.6	19
Methyl tert-butyl ether		ND		4.6	19

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(7-8)**

Lab Sample ID: 580-24938-35 | Date Sampled: 03/11/2011 1430
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134528.D
Dilution:	1.0			Initial Weight/Volume:	20.66 g
Date Analyzed:	03/13/2011 1845			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.3	25
Chloromethane		ND		63	250
Vinyl chloride		ND		1.3	5.0
Bromomethane		ND		22	88
Chloroethane		ND		63	250
Trichlorofluoromethane		ND		6.3	25
1,1-Dichloroethene		ND		3.1	13
Methylene Chloride		ND		6.3	25
trans-1,2-Dichloroethene		ND		6.3	25
1,1-Dichloroethane		ND		6.3	25
2,2-Dichloropropane		ND		6.3	25
cis-1,2-Dichloroethene		ND		6.3	25
Chlorobromomethane		ND		7.5	25
Chloroform		ND		6.3	25
1,1,1-Trichloroethane		ND		6.3	25
Carbon tetrachloride		ND		3.1	13
1,1-Dichloropropene		ND		6.3	25
Benzene		ND		2.5	10
1,2-Dichloroethane		ND		6.3	25
Trichloroethene		ND		2.5	10
1,2-Dichloropropane		ND		2.4	7.5
Dibromomethane		ND		6.3	25
Dichlorobromomethane		ND		6.3	25
cis-1,3-Dichloropropene		ND		2.5	10
Toluene		ND		6.3	25
trans-1,3-Dichloropropene		ND		2.5	10
1,1,2-Trichloroethane		ND		1.9	7.5
Tetrachloroethene		ND		3.1	13
1,3-Dichloropropane		ND		6.3	25
Chlorodibromomethane		ND		6.3	25
Ethylene Dibromide		ND		6.3	25
Chlorobenzene		ND	*	6.3	25
Ethylbenzene		ND		6.3	25
1,1,1,2-Tetrachloroethane		ND		6.3	25
1,1,2,2-Tetrachloroethane		ND		2.1	6.3
m-Xylene & p-Xylene		ND		6.3	25
o-Xylene		ND		6.3	25
Styrene		ND		6.3	25
Bromoform		ND		6.9	25
Isopropylbenzene		ND		6.3	25
Bromobenzene		ND		6.3	25
N-Propylbenzene		ND		6.3	25
1,2,3-Trichloropropane		ND		7.3	25
2-Chlorotoluene		ND		6.3	25
1,3,5-Trimethylbenzene		ND		6.3	25
4-Chlorotoluene		ND		8.2	25

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(7-8)**

Lab Sample ID: 580-24938-35 | Date Sampled: 03/11/2011 1430
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134528.D
Dilution:	1.0			Initial Weight/Volume:	20.66 g
Date Analyzed:	03/13/2011 1845			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.3	25
1,2,4-Trimethylbenzene		ND		6.3	25
sec-Butylbenzene		ND		6.3	25
1,3-Dichlorobenzene		ND		6.3	25
4-Isopropyltoluene		ND		6.3	25
1,4-Dichlorobenzene		ND		6.3	25
n-Butylbenzene		ND		6.3	25
1,2-Dichlorobenzene		ND		6.3	25
1,2-Dibromo-3-Chloropropane		ND		41	130
1,2,4-Trichlorobenzene		ND		6.3	25
1,2,3-Trichlorobenzene		ND		6.3	25
Hexachlorobutadiene		ND		6.3	25
Naphthalene		ND		6.3	25
Methyl tert-butyl ether		ND		6.3	25

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	107		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(0-1)**

Lab Sample ID: 580-24938-36 | Date Sampled: 03/11/2011 1730
Client Matrix: Solid | % Moisture: 2.9 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134529.D
Dilution:	1.0			Initial Weight/Volume:	30.16 g
Date Analyzed:	03/13/2011 1907			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		3.4	14
Chloromethane		ND		34	140
Vinyl chloride		ND		0.68	2.7
Bromomethane		ND		12	48
Chloroethane		ND		34	140
Trichlorofluoromethane		ND		3.4	14
1,1-Dichloroethene		ND		1.7	6.8
Methylene Chloride		41		3.4	14
trans-1,2-Dichloroethene		6.3	J	3.4	14
1,1-Dichloroethane		ND		3.4	14
2,2-Dichloropropane		ND		3.4	14
cis-1,2-Dichloroethene		ND		3.4	14
Chlorobromomethane		ND		4.1	14
Chloroform		ND		3.4	14
1,1,1-Trichloroethane		ND		3.4	14
Carbon tetrachloride		ND		1.7	6.8
1,1-Dichloropropene		ND		3.4	14
Benzene		ND		1.4	5.5
1,2-Dichloroethane		ND		3.4	14
Trichloroethene		11		1.4	5.5
1,2-Dichloropropane		ND		1.3	4.1
Dibromomethane		ND		3.4	14
Dichlorobromomethane		ND		3.4	14
cis-1,3-Dichloropropene		ND		1.4	5.5
Toluene		ND		3.4	14
trans-1,3-Dichloropropene		ND		1.4	5.5
1,1,2-Trichloroethane		ND		1.0	4.1
Tetrachloroethene		ND		1.7	6.8
1,3-Dichloropropane		ND		3.4	14
Chlorodibromomethane		ND		3.4	14
Ethylene Dibromide		ND		3.4	14
Chlorobenzene		ND	*	3.4	14
Ethylbenzene		ND		3.4	14
1,1,1,2-Tetrachloroethane		ND		3.4	14
1,1,2,2-Tetrachloroethane		ND		1.1	3.4
m-Xylene & p-Xylene		ND		3.4	14
o-Xylene		ND		3.4	14
Styrene		ND		3.4	14
Bromoform		ND		3.8	14
Isopropylbenzene		ND		3.4	14
Bromobenzene		ND		3.4	14
N-Propylbenzene		ND		3.4	14
1,2,3-Trichloropropane		ND		4.0	14
2-Chlorotoluene		ND		3.4	14
1,3,5-Trimethylbenzene		ND		3.4	14
4-Chlorotoluene		ND		4.5	14

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(0-1)**

Lab Sample ID: 580-24938-36 | Date Sampled: 03/11/2011 1730
Client Matrix: Solid | % Moisture: 2.9 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134529.D
Dilution:	1.0			Initial Weight/Volume:	30.16 g
Date Analyzed:	03/13/2011 1907			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		3.4	14
1,2,4-Trimethylbenzene		ND		3.4	14
sec-Butylbenzene		ND		3.4	14
1,3-Dichlorobenzene		ND		3.4	14
4-Isopropyltoluene		ND		3.4	14
1,4-Dichlorobenzene		ND		3.4	14
n-Butylbenzene		ND		3.4	14
1,2-Dichlorobenzene		ND		3.4	14
1,2-Dibromo-3-Chloropropane		ND		23	68
1,2,4-Trichlorobenzene		ND		3.4	14
1,2,3-Trichlorobenzene		ND		3.4	14
Hexachlorobutadiene		ND		3.4	14
Naphthalene		ND		3.4	14
Methyl tert-butyl ether		ND		3.4	14

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	124		75 - 125
4-Bromofluorobenzene (Surr)	101		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(3-4)**

Lab Sample ID: 580-24938-37 | Date Sampled: 03/11/2011 1750
Client Matrix: Solid | % Moisture: 7.0 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134530.D
Dilution:	1.0			Initial Weight/Volume:	14.05 g
Date Analyzed:	03/13/2011 1929			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		7.7	31
Chloromethane		ND		77	310
Vinyl chloride		ND		1.5	6.1
Bromomethane		ND		27	110
Chloroethane		ND		77	310
Trichlorofluoromethane		ND		7.7	31
1,1-Dichloroethene		ND		3.8	15
Methylene Chloride		46		7.7	31
trans-1,2-Dichloroethene		8.0	J	7.7	31
1,1-Dichloroethane		ND		7.7	31
2,2-Dichloropropane		ND		7.7	31
cis-1,2-Dichloroethene		ND		7.7	31
Chlorobromomethane		ND		9.2	31
Chloroform		ND		7.7	31
1,1,1-Trichloroethane		ND		7.7	31
Carbon tetrachloride		ND		3.8	15
1,1-Dichloropropene		ND		7.7	31
Benzene		ND		3.1	12
1,2-Dichloroethane		ND		7.7	31
Trichloroethene		16		3.1	12
1,2-Dichloropropane		ND		3.0	9.2
Dibromomethane		ND		7.7	31
Dichlorobromomethane		ND		7.7	31
cis-1,3-Dichloropropene		ND		3.1	12
Toluene		ND		7.7	31
trans-1,3-Dichloropropene		ND		3.1	12
1,1,2-Trichloroethane		ND		2.3	9.2
Tetrachloroethene		ND		3.8	15
1,3-Dichloropropane		ND		7.7	31
Chlorodibromomethane		ND		7.7	31
Ethylene Dibromide		ND		7.7	31
Chlorobenzene		ND	*	7.7	31
Ethylbenzene		ND		7.7	31
1,1,1,2-Tetrachloroethane		ND		7.7	31
1,1,2,2-Tetrachloroethane		ND		2.5	7.7
m-Xylene & p-Xylene		ND		7.7	31
o-Xylene		ND		7.7	31
Styrene		ND		7.7	31
Bromoform		ND		8.4	31
Isopropylbenzene		ND		7.7	31
Bromobenzene		ND		7.7	31
N-Propylbenzene		ND		7.7	31
1,2,3-Trichloropropane		ND		8.9	31
2-Chlorotoluene		ND		7.7	31
1,3,5-Trimethylbenzene		ND		7.7	31
4-Chlorotoluene		ND		10	31

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(3-4)**

Lab Sample ID: 580-24938-37 | Date Sampled: 03/11/2011 1750
Client Matrix: Solid | % Moisture: 7.0 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134530.D
Dilution:	1.0			Initial Weight/Volume:	14.05 g
Date Analyzed:	03/13/2011 1929			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		7.7	31
1,2,4-Trimethylbenzene		ND		7.7	31
sec-Butylbenzene		ND		7.7	31
1,3-Dichlorobenzene		ND		7.7	31
4-Isopropyltoluene		ND		7.7	31
1,4-Dichlorobenzene		ND		7.7	31
n-Butylbenzene		ND		7.7	31
1,2-Dichlorobenzene		ND		7.7	31
1,2-Dibromo-3-Chloropropane		ND		51	150
1,2,4-Trichlorobenzene		ND		7.7	31
1,2,3-Trichlorobenzene		ND		7.7	31
Hexachlorobutadiene		ND		7.7	31
Naphthalene		ND		7.7	31
Methyl tert-butyl ether		ND		7.7	31

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	87		85 - 115
Ethylbenzene-d10	123		75 - 125
4-Bromofluorobenzene (Surr)	102		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB12(0-1)**

Lab Sample ID: 580-24938-38 | Date Sampled: 03/11/2011 1755
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134531.D
Dilution:	1.0			Initial Weight/Volume:	15.94 g
Date Analyzed:	03/13/2011 1951			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		6.8	27
Chloromethane		ND		68	270
Vinyl chloride		ND		1.4	5.4
Bromomethane		ND		24	95
Chloroethane		ND		68	270
Trichlorofluoromethane		ND		6.8	27
1,1-Dichloroethene		ND		3.4	14
Methylene Chloride		ND		6.8	27
trans-1,2-Dichloroethene		ND		6.8	27
1,1-Dichloroethane		ND		6.8	27
2,2-Dichloropropane		ND		6.8	27
cis-1,2-Dichloroethene		ND		6.8	27
Chlorobromomethane		ND		8.1	27
Chloroform		ND		6.8	27
1,1,1-Trichloroethane		ND		6.8	27
Carbon tetrachloride		ND		3.4	14
1,1-Dichloropropene		ND		6.8	27
Benzene		ND		2.7	11
1,2-Dichloroethane		ND		6.8	27
Trichloroethene		2.7	J	2.7	11
1,2-Dichloropropane		ND		2.6	8.1
Dibromomethane		ND		6.8	27
Dichlorobromomethane		ND		6.8	27
cis-1,3-Dichloropropene		ND		2.7	11
Toluene		ND		6.8	27
trans-1,3-Dichloropropene		ND		2.7	11
1,1,2-Trichloroethane		ND		2.0	8.1
Tetrachloroethene		8.5	J B	3.4	14
1,3-Dichloropropane		ND		6.8	27
Chlorodibromomethane		ND		6.8	27
Ethylene Dibromide		ND		6.8	27
Chlorobenzene		ND	*	6.8	27
Ethylbenzene		ND		6.8	27
1,1,1,2-Tetrachloroethane		ND		6.8	27
1,1,2,2-Tetrachloroethane		ND		2.2	6.8
m-Xylene & p-Xylene		ND		6.8	27
o-Xylene		ND		6.8	27
Styrene		ND		6.8	27
Bromoform		ND		7.5	27
Isopropylbenzene		ND		6.8	27
Bromobenzene		ND		6.8	27
N-Propylbenzene		ND		6.8	27
1,2,3-Trichloropropane		ND		7.9	27
2-Chlorotoluene		ND		6.8	27
1,3,5-Trimethylbenzene		ND		6.8	27
4-Chlorotoluene		ND		8.8	27

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB12(0-1)**

Lab Sample ID: 580-24938-38 | Date Sampled: 03/11/2011 1755
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134531.D
Dilution:	1.0			Initial Weight/Volume:	15.94 g
Date Analyzed:	03/13/2011 1951			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		6.8	27
1,2,4-Trimethylbenzene		ND		6.8	27
sec-Butylbenzene		ND		6.8	27
1,3-Dichlorobenzene		ND		6.8	27
4-Isopropyltoluene		ND		6.8	27
1,4-Dichlorobenzene		ND		6.8	27
n-Butylbenzene		ND		6.8	27
1,2-Dichlorobenzene		ND		6.8	27
1,2-Dibromo-3-Chloropropane		ND		45	140
1,2,4-Trichlorobenzene		ND		6.8	27
1,2,3-Trichlorobenzene		ND		6.8	27
Hexachlorobutadiene		ND		6.8	27
Naphthalene		ND		6.8	27
Methyl tert-butyl ether		ND		6.8	27

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		75 - 125
Toluene-d8 (Surr)	88		85 - 115
Ethylbenzene-d10	124		75 - 125
4-Bromofluorobenzene (Surr)	101		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB10(0-1)**

Lab Sample ID: 580-24938-39 | Date Sampled: 03/11/2011 1817
Client Matrix: Solid | % Moisture: 3.0 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134532.D
Dilution:	1.0			Initial Weight/Volume:	26.90 g
Date Analyzed:	03/13/2011 2014			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		3.8	15
Chloromethane		ND		38	150
Vinyl chloride		ND		0.77	3.1
Bromomethane		ND		13	54
Chloroethane		ND		38	150
Trichlorofluoromethane		ND		3.8	15
1,1-Dichloroethene		ND		1.9	7.7
Methylene Chloride		ND		3.8	15
trans-1,2-Dichloroethene		ND		3.8	15
1,1-Dichloroethane		ND		3.8	15
2,2-Dichloropropane		ND		3.8	15
cis-1,2-Dichloroethene		ND		3.8	15
Chlorobromomethane		ND		4.6	15
Chloroform		ND		3.8	15
1,1,1-Trichloroethane		ND		3.8	15
Carbon tetrachloride		ND		1.9	7.7
1,1-Dichloropropene		ND		3.8	15
Benzene		ND		1.5	6.1
1,2-Dichloroethane		ND		3.8	15
Trichloroethene		8.1		1.5	6.1
1,2-Dichloropropane		ND		1.5	4.6
Dibromomethane		ND		3.8	15
Dichlorobromomethane		ND		3.8	15
cis-1,3-Dichloropropene		ND		1.5	6.1
Toluene		ND		3.8	15
trans-1,3-Dichloropropene		ND		1.5	6.1
1,1,2-Trichloroethane		ND		1.2	4.6
Tetrachloroethene		ND		1.9	7.7
1,3-Dichloropropane		ND		3.8	15
Chlorodibromomethane		ND		3.8	15
Ethylene Dibromide		ND		3.8	15
Chlorobenzene		ND	*	3.8	15
Ethylbenzene		ND		3.8	15
1,1,1,2-Tetrachloroethane		ND		3.8	15
1,1,2,2-Tetrachloroethane		ND		1.3	3.8
m-Xylene & p-Xylene		ND		3.8	15
o-Xylene		ND		3.8	15
Styrene		ND		3.8	15
Bromoform		ND		4.2	15
Isopropylbenzene		ND		3.8	15
Bromobenzene		ND		3.8	15
N-Propylbenzene		ND		3.8	15
1,2,3-Trichloropropane		ND		4.5	15
2-Chlorotoluene		ND		3.8	15
1,3,5-Trimethylbenzene		ND		3.8	15
4-Chlorotoluene		ND		5.0	15

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB10(0-1)**

Lab Sample ID: 580-24938-39 | Date Sampled: 03/11/2011 1817
Client Matrix: Solid | % Moisture: 3.0 | Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134532.D
Dilution:	1.0			Initial Weight/Volume:	26.90 g
Date Analyzed:	03/13/2011 2014			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		3.8	15
1,2,4-Trimethylbenzene		ND		3.8	15
sec-Butylbenzene		ND		3.8	15
1,3-Dichlorobenzene		ND		3.8	15
4-Isopropyltoluene		ND		3.8	15
1,4-Dichlorobenzene		ND		3.8	15
n-Butylbenzene		ND		3.8	15
1,2-Dichlorobenzene		ND		3.8	15
1,2-Dibromo-3-Chloropropane		ND		25	77
1,2,4-Trichlorobenzene		ND		3.8	15
1,2,3-Trichlorobenzene		ND		3.8	15
Hexachlorobutadiene		ND		3.8	15
Naphthalene		ND		3.8	15
Methyl tert-butyl ether		ND		3.8	15

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	142	X	75 - 125
4-Bromofluorobenzene (Surr)	115		85 - 120

Client: MWH Americas Inc

Job Number: 580-24938-1

Client Sample ID: **YK-Methanol Blank**

Lab Sample ID: 580-24938-40
Client Matrix: Solid

Date Sampled: 03/11/2011 0630
Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134514.D
Dilution:	1.0			Initial Weight/Volume:	10 g
Date Analyzed:	03/13/2011 1335			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		ND		10	40
Chloromethane		ND		100	400
Vinyl chloride		ND		2.0	8.0
Bromomethane		ND		35	140
Chloroethane		ND		100	400
Trichlorofluoromethane		ND		10	40
1,1-Dichloroethene		ND		5.0	20
Methylene Chloride		ND		10	40
trans-1,2-Dichloroethene		ND		10	40
1,1-Dichloroethane		ND		10	40
2,2-Dichloropropane		ND		10	40
cis-1,2-Dichloroethene		ND		10	40
Chlorobromomethane		ND		12	40
Chloroform		ND		10	40
1,1,1-Trichloroethane		ND		10	40
Carbon tetrachloride		ND		5.0	20
1,1-Dichloropropene		ND		10	40
Benzene		ND		4.0	16
1,2-Dichloroethane		ND		10	40
Trichloroethene		ND		4.0	16
1,2-Dichloropropane		ND		3.9	12
Dibromomethane		ND		10	40
Dichlorobromomethane		ND		10	40
cis-1,3-Dichloropropene		ND		4.0	16
Toluene		ND		10	40
trans-1,3-Dichloropropene		ND		4.0	16
1,1,2-Trichloroethane		ND		3.0	12
Tetrachloroethene		ND		5.0	20
1,3-Dichloropropane		ND		10	40
Chlorodibromomethane		ND		10	40
Ethylene Dibromide		ND		10	40
Chlorobenzene		ND	*	10	40
Ethylbenzene		ND		10	40
1,1,1,2-Tetrachloroethane		ND		10	40
1,1,2,2-Tetrachloroethane		ND		3.3	10
m-Xylene & p-Xylene		ND		10	40
o-Xylene		ND		10	40
Styrene		ND		10	40
Bromoform		ND		11	40
Isopropylbenzene		ND		10	40
Bromobenzene		ND		10	40
N-Propylbenzene		ND		10	40
1,2,3-Trichloropropane		ND		12	40
2-Chlorotoluene		ND		10	40
1,3,5-Trimethylbenzene		ND		10	40
4-Chlorotoluene		ND		13	40

Client: MWH Americas Inc

Job Number: 580-24938-1

Client Sample ID: **YK-Methanol Blank**

Lab Sample ID: 580-24938-40
Client Matrix: Solid

Date Sampled: 03/11/2011 0630
Date Received: 03/12/2011 0925

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82177		Instrument ID:	TAC043
Preparation:	5035	Prep Batch: 580-82176		Lab File ID:	VB00134514.D
Dilution:	1.0			Initial Weight/Volume:	10 g
Date Analyzed:	03/13/2011 1335			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
tert-Butylbenzene		ND		10	40
1,2,4-Trimethylbenzene		ND		10	40
sec-Butylbenzene		ND		10	40
1,3-Dichlorobenzene		ND		10	40
4-Isopropyltoluene		ND		10	40
1,4-Dichlorobenzene		ND		10	40
n-Butylbenzene		ND		10	40
1,2-Dichlorobenzene		ND		10	40
1,2-Dibromo-3-Chloropropane		ND		66	200
1,2,4-Trichlorobenzene		ND		10	40
1,2,3-Trichlorobenzene		ND		10	40
Hexachlorobutadiene		ND		10	40
Naphthalene		ND		10	40
Methyl tert-butyl ether		ND		10	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	99		75 - 125
Toluene-d8 (Surr)	89		85 - 115
Ethylbenzene-d10	120		75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(0-1)**

Lab Sample ID: 580-24938-1 | Date Sampled: 03/10/2011 1530
Client Matrix: Solid | % Moisture: 20.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004078.D
Dilution:	1.0			Initial Weight/Volume:	10.0576 g
Date Analyzed:	03/14/2011 1021			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	63
1,4-Dichlorobenzene		ND		19	63
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	63
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		43	130
Isophorone		ND	*	6.3	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		940	3100
Bis(2-chloroethoxy)methane		ND		6.3	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	63
Naphthalene		ND		6.3	25
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	63
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.3	25
Hexachlorocyclopentadiene		ND		6.3	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.3	25
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.3	130
Acenaphthylene		ND		6.3	25
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.3	25
2,4-Dinitrophenol		ND		250	1300
4-Nitrophenol		ND		310	1300
Dibenzofuran		ND		6.3	130
2,4-Dinitrotoluene		ND	*	19	130
Diethyl phthalate		20	J B	19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.3	25
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.3	63
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.3	63

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(0-1)**

Lab Sample ID: 580-24938-1 | Date Sampled: 03/10/2011 1530
Client Matrix: Solid | % Moisture: 20.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004078.D
Dilution:	1.0			Initial Weight/Volume:	10.0576 g
Date Analyzed:	03/14/2011 1021			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.3	25
Anthracene		ND		6.3	25
Di-n-butyl phthalate		ND		63	250
Fluoranthene		ND		6.3	25
Pyrene		ND		6.3	25
Butyl benzyl phthalate		ND		63	130
3,3'-Dichlorobenzidine		ND	*	38	250
Benzo[a]anthracene		ND		6.3	31
Chrysene		ND		6.3	31
Bis(2-ethylhexyl) phthalate		ND		63	1900
Di-n-octyl phthalate		ND		6.3	250
Benzo[a]pyrene		ND		6.3	38
Indeno[1,2,3-cd]pyrene		ND		6.3	50
Dibenz(a,h)anthracene		ND		6.3	50
Benzo[g,h,i]perylene		ND		6.3	31
Carbazole		ND		6.3	190
1-Methylnaphthalene		ND		6.3	38
Benzo[b]fluoranthene		ND		6.3	25
Benzo[k]fluoranthene		ND		6.3	31
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	97		36 - 145
Phenol-d5	86		38 - 149
Nitrobenzene-d5	91		38 - 141
2-Fluorobiphenyl	77		42 - 140
2,4,6-Tribromophenol	79		28 - 143
Terphenyl-d14	71		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(4-5)**

Lab Sample ID: 580-24938-2 | Date Sampled: 03/10/2011 1540
Client Matrix: Solid | % Moisture: 24.2 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004079.D
Dilution:	1.0			Initial Weight/Volume:	10.3907 g
Date Analyzed:	03/14/2011 1040			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	63
1,4-Dichlorobenzene		ND		19	63
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	63
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		43	130
Isophorone		ND	*	6.3	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		950	3200
Bis(2-chloroethoxy)methane		ND		6.3	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	63
Naphthalene		ND		6.3	25
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	63
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.3	25
Hexachlorocyclopentadiene		ND		6.3	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.3	25
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.3	130
Acenaphthylene		ND		6.3	25
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.3	25
2,4-Dinitrophenol		ND		250	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.3	130
2,4-Dinitrotoluene		ND	*	19	130
Diethyl phthalate		25	J B	19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.3	25
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.3	63
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.3	63

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(4-5)**

Lab Sample ID: 580-24938-2 | Date Sampled: 03/10/2011 1540
Client Matrix: Solid | % Moisture: 24.2 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004079.D
Dilution:	1.0			Initial Weight/Volume:	10.3907 g
Date Analyzed:	03/14/2011 1040			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.3	25
Anthracene		ND		6.3	25
Di-n-butyl phthalate		ND		63	250
Fluoranthene		ND		6.3	25
Pyrene		ND		6.3	25
Butyl benzyl phthalate		ND		63	130
3,3'-Dichlorobenzidine		ND	*	38	250
Benzo[a]anthracene		ND		6.3	32
Chrysene		ND		6.3	32
Bis(2-ethylhexyl) phthalate		ND		63	1900
Di-n-octyl phthalate		ND		6.3	250
Benzo[a]pyrene		ND		6.3	38
Indeno[1,2,3-cd]pyrene		ND		6.3	51
Dibenz(a,h)anthracene		ND		6.3	51
Benzo[g,h,i]perylene		ND		6.3	32
Carbazole		ND		6.3	190
1-Methylnaphthalene		ND		6.3	38
Benzo[b]fluoranthene		ND		6.3	25
Benzo[k]fluoranthene		ND		6.3	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	113		36 - 145
Phenol-d5	98		38 - 149
Nitrobenzene-d5	93		38 - 141
2-Fluorobiphenyl	72		42 - 140
2,4,6-Tribromophenol	81		28 - 143
Terphenyl-d14	68		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(0-1)**

Lab Sample ID: 580-24938-3 | Date Sampled: 03/10/2011 1604
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004080.D
Dilution:	1.0			Initial Weight/Volume:	10.3880 g
Date Analyzed:	03/14/2011 1113			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	63
1,4-Dichlorobenzene		ND		19	63
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	63
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		43	130
Isophorone		ND	*	6.3	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		950	3200
Bis(2-chloroethoxy)methane		ND		6.3	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	63
Naphthalene		ND		6.3	25
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	63
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.3	25
Hexachlorocyclopentadiene		ND		6.3	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.3	25
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.3	130
Acenaphthylene		ND		6.3	25
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.3	25
2,4-Dinitrophenol		ND		250	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.3	130
2,4-Dinitrotoluene		ND	*	19	130
Diethyl phthalate		57	J B	19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.3	25
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.3	63
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.3	63

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(0-1)**

Lab Sample ID: 580-24938-3 | Date Sampled: 03/10/2011 1604
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004080.D
Dilution:	1.0			Initial Weight/Volume:	10.3880 g
Date Analyzed:	03/14/2011 1113			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.3	25
Anthracene		ND		6.3	25
Di-n-butyl phthalate		ND		63	250
Fluoranthene		ND		6.3	25
Pyrene		ND		6.3	25
Butyl benzyl phthalate		ND		63	130
3,3'-Dichlorobenzidine		ND	*	38	250
Benzo[a]anthracene		ND		6.3	32
Chrysene		ND		6.3	32
Bis(2-ethylhexyl) phthalate		ND		63	1900
Di-n-octyl phthalate		ND		6.3	250
Benzo[a]pyrene		ND		6.3	38
Indeno[1,2,3-cd]pyrene		ND		6.3	51
Dibenz(a,h)anthracene		ND		6.3	51
Benzo[g,h,i]perylene		ND		6.3	32
Carbazole		ND		6.3	190
1-Methylnaphthalene		ND		6.3	38
Benzo[b]fluoranthene		ND		6.3	25
Benzo[k]fluoranthene		ND		6.3	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	98		36 - 145
Phenol-d5	89		38 - 149
Nitrobenzene-d5	85		38 - 141
2-Fluorobiphenyl	72		42 - 140
2,4,6-Tribromophenol	80		28 - 143
Terphenyl-d14	71		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(4-5)**

Lab Sample ID: 580-24938-4 | Date Sampled: 03/10/2011 1615
Client Matrix: Solid | % Moisture: 32.0 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004081.D
Dilution:	1.0			Initial Weight/Volume:	10.0290 g
Date Analyzed:	03/14/2011 1132			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		22	150
Bis(2-chloroethyl)ether		ND		22	150
2-Chlorophenol		ND		22	150
1,3-Dichlorobenzene		ND		22	73
1,4-Dichlorobenzene		ND		22	73
Benzyl alcohol		ND		22	150
1,2-Dichlorobenzene		ND		22	73
2-Methylphenol		ND		22	150
3 & 4 Methylphenol		ND		22	290
N-Nitrosodi-n-propylamine		ND		22	150
Hexachloroethane		ND		22	150
Nitrobenzene		ND		50	150
Isophorone		ND	*	7.3	150
2-Nitrophenol		ND		22	150
2,4-Dimethylphenol		ND		22	150
Benzoic acid		ND		1100	3700
Bis(2-chloroethoxy)methane		ND		7.3	150
2,4-Dichlorophenol		ND		22	150
1,2,4-Trichlorobenzene		ND		22	73
Naphthalene		ND		7.3	29
4-Chloroaniline		ND		22	150
Hexachlorobutadiene		ND		22	73
4-Chloro-3-methylphenol		ND		22	150
2-Methylnaphthalene		ND		7.3	29
Hexachlorocyclopentadiene		ND		7.3	150
2,4,6-Trichlorophenol		ND		22	220
2,4,5-Trichlorophenol		ND		22	150
2-Chloronaphthalene		ND		7.3	29
2-Nitroaniline		ND		22	150
Dimethyl phthalate		ND		7.3	150
Acenaphthylene		ND		7.3	29
2,6-Dinitrotoluene		ND		22	150
3-Nitroaniline		ND		22	150
Acenaphthene		ND		7.3	29
2,4-Dinitrophenol		ND		290	1500
4-Nitrophenol		ND		370	1500
Dibenzofuran		ND		7.3	150
2,4-Dinitrotoluene		ND	*	22	150
Diethyl phthalate		ND		22	150
4-Chlorophenyl phenyl ether		ND		22	150
Fluorene		ND		7.3	29
4-Nitroaniline		ND		22	150
4,6-Dinitro-2-methylphenol		ND		150	1500
N-Nitrosodiphenylamine		ND	*	7.3	73
4-Bromophenyl phenyl ether		ND		22	150
Hexachlorobenzene		ND		7.3	73

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(4-5)**

Lab Sample ID: 580-24938-4 | Date Sampled: 03/10/2011 1615
Client Matrix: Solid | % Moisture: 32.0 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004081.D
Dilution:	1.0			Initial Weight/Volume:	10.0290 g
Date Analyzed:	03/14/2011 1132			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		22	290
Phenanthrene		ND		7.3	29
Anthracene		ND		7.3	29
Di-n-butyl phthalate		ND		73	290
Fluoranthene		ND		7.3	29
Pyrene		ND		7.3	29
Butyl benzyl phthalate		ND		73	150
3,3'-Dichlorobenzidine		ND	*	44	290
Benzo[a]anthracene		ND		7.3	37
Chrysene		ND		7.3	37
Bis(2-ethylhexyl) phthalate		ND		73	2200
Di-n-octyl phthalate		ND		7.3	290
Benzo[a]pyrene		ND		7.3	44
Indeno[1,2,3-cd]pyrene		ND		7.3	59
Dibenz(a,h)anthracene		ND		7.3	59
Benzo[g,h,i]perylene		ND		7.3	37
Carbazole		ND		7.3	220
1-Methylnaphthalene		ND		7.3	44
Benzo[b]fluoranthene		ND		7.3	29
Benzo[k]fluoranthene		ND		7.3	37
2,2'-oxybis[1-chloropropane]		ND		22	220

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	98		36 - 145
Phenol-d5	84		38 - 149
Nitrobenzene-d5	91		38 - 141
2-Fluorobiphenyl	59		42 - 140
2,4,6-Tribromophenol	77		28 - 143
Terphenyl-d14	65		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(0-1)**

Lab Sample ID: 580-24938-5 | Date Sampled: 03/10/2011 1640
Client Matrix: Solid | % Moisture: 19.4 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004086.D
Dilution:	1.0			Initial Weight/Volume:	10.2454 g
Date Analyzed:	03/14/2011 1307			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		41	120
Isophorone		ND	*	6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		910	3000
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.1	24
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		300	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND	*	18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND	*	6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(0-1)**

Lab Sample ID: 580-24938-5 | Date Sampled: 03/10/2011 1640
Client Matrix: Solid | % Moisture: 19.4 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004086.D
Dilution:	1.0			Initial Weight/Volume:	10.2454 g
Date Analyzed:	03/14/2011 1307			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		ND		6.1	24
Anthracene		ND		6.1	24
Di-n-butyl phthalate		ND		61	240
Fluoranthene		ND		6.1	24
Pyrene		ND		6.1	24
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND	*	36	240
Benzo[a]anthracene		ND		6.1	30
Chrysene		ND		6.1	30
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	240
Benzo[a]pyrene		ND		6.1	36
Indeno[1,2,3-cd]pyrene		ND		6.1	48
Dibenz(a,h)anthracene		ND		6.1	48
Benzo[g,h,i]perylene		ND		6.1	30
Carbazole		ND		6.1	180
1-Methylnaphthalene		ND		6.1	36
Benzo[b]fluoranthene		ND		6.1	24
Benzo[k]fluoranthene		ND		6.1	30
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	97		36 - 145
Phenol-d5	86		38 - 149
Nitrobenzene-d5	92		38 - 141
2-Fluorobiphenyl	75		42 - 140
2,4,6-Tribromophenol	83		28 - 143
Terphenyl-d14	72		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(4-5)**

Lab Sample ID: 580-24938-6 | Date Sampled: 03/10/2011 1650
Client Matrix: Solid | % Moisture: 22.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004087.D
Dilution:	1.0			Initial Weight/Volume:	10.0650 g
Date Analyzed:	03/14/2011 1326			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	64
1,4-Dichlorobenzene		ND		19	64
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	64
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	260
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		44	130
Isophorone		ND	*	6.4	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		960	3200
Bis(2-chloroethoxy)methane		ND		6.4	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	64
Naphthalene		ND		6.4	26
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	64
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.4	26
Hexachlorocyclopentadiene		ND		6.4	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.4	26
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.4	130
Acenaphthylene		ND		6.4	26
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.4	26
2,4-Dinitrophenol		ND		260	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.4	130
2,4-Dinitrotoluene		ND	*	19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.4	26
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.4	64
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.4	64

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(4-5)**

Lab Sample ID: 580-24938-6 | Date Sampled: 03/10/2011 1650
Client Matrix: Solid | % Moisture: 22.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004087.D
Dilution:	1.0			Initial Weight/Volume:	10.0650 g
Date Analyzed:	03/14/2011 1326			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	260
Phenanthrene		ND		6.4	26
Anthracene		ND		6.4	26
Di-n-butyl phthalate		ND		64	260
Fluoranthene		ND		6.4	26
Pyrene		ND		6.4	26
Butyl benzyl phthalate		ND		64	130
3,3'-Dichlorobenzidine		ND	*	38	260
Benzo[a]anthracene		ND		6.4	32
Chrysene		ND		6.4	32
Bis(2-ethylhexyl) phthalate		ND		64	1900
Di-n-octyl phthalate		ND		6.4	260
Benzo[a]pyrene		ND		6.4	38
Indeno[1,2,3-cd]pyrene		ND		6.4	51
Dibenz(a,h)anthracene		ND		6.4	51
Benzo[g,h,i]perylene		ND		6.4	32
Carbazole		ND		6.4	190
1-Methylnaphthalene		ND		6.4	38
Benzo[b]fluoranthene		ND		6.4	26
Benzo[k]fluoranthene		ND		6.4	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	108		36 - 145
Phenol-d5	87		38 - 149
Nitrobenzene-d5	94		38 - 141
2-Fluorobiphenyl	76		42 - 140
2,4,6-Tribromophenol	72		28 - 143
Terphenyl-d14	66		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(0-1)**

Lab Sample ID: 580-24938-7 | Date Sampled: 03/10/2011 1710
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004088.D
Dilution:	1.0			Initial Weight/Volume:	10.2821 g
Date Analyzed:	03/14/2011 1345			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.1	24
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND	*	18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND	*	6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(0-1)**

Lab Sample ID: 580-24938-7 | Date Sampled: 03/10/2011 1710
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004088.D
Dilution:	1.0			Initial Weight/Volume:	10.2821 g
Date Analyzed:	03/14/2011 1345			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		ND		6.1	24
Anthracene		ND		6.1	24
Di-n-butyl phthalate		ND		61	240
Fluoranthene		ND		6.1	24
Pyrene		ND		6.1	24
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND	*	37	240
Benzo[a]anthracene		ND		6.1	31
Chrysene		ND		6.1	31
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	240
Benzo[a]pyrene		ND		6.1	37
Indeno[1,2,3-cd]pyrene		ND		6.1	49
Dibenz(a,h)anthracene		ND		6.1	49
Benzo[g,h,i]perylene		ND		6.1	31
Carbazole		ND		6.1	180
1-Methylnaphthalene		ND		6.1	37
Benzo[b]fluoranthene		ND		6.1	24
Benzo[k]fluoranthene		ND		6.1	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	96		36 - 145
Phenol-d5	84		38 - 149
Nitrobenzene-d5	91		38 - 141
2-Fluorobiphenyl	78		42 - 140
2,4,6-Tribromophenol	76		28 - 143
Terphenyl-d14	74		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(4-5)**

Lab Sample ID: 580-24938-8 | Date Sampled: 03/10/2011 1725
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004089.D
Dilution:	1.0			Initial Weight/Volume:	10.0858 g
Date Analyzed:	03/14/2011 1404			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	120
Bis(2-chloroethyl)ether		ND		19	120
2-Chlorophenol		ND		19	120
1,3-Dichlorobenzene		ND		19	62
1,4-Dichlorobenzene		ND		19	62
Benzyl alcohol		ND		19	120
1,2-Dichlorobenzene		ND		19	62
2-Methylphenol		ND		19	120
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	120
Hexachloroethane		ND		19	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.2	120
2-Nitrophenol		ND		19	120
2,4-Dimethylphenol		ND		19	120
Benzoic acid		ND		940	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		19	120
1,2,4-Trichlorobenzene		ND		19	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		19	120
Hexachlorobutadiene		ND		19	62
4-Chloro-3-methylphenol		ND		19	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		19	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		19	120
3-Nitroaniline		ND		19	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND	*	19	120
Diethyl phthalate		ND		19	120
4-Chlorophenyl phenyl ether		ND		19	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		19	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND	*	6.2	62
4-Bromophenyl phenyl ether		ND		19	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(4-5)**

Lab Sample ID: 580-24938-8 | Date Sampled: 03/10/2011 1725
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004089.D
Dilution:	1.0			Initial Weight/Volume:	10.0858 g
Date Analyzed:	03/14/2011 1404			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		ND		6.2	25
Pyrene		ND		6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND	*	37	250
Benzo[a]anthracene		ND		6.2	31
Chrysene		ND		6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1900
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		ND		6.2	37
Indeno[1,2,3-cd]pyrene		ND		6.2	50
Dibenz(a,h)anthracene		ND		6.2	50
Benzo[g,h,i]perylene		ND		6.2	31
Carbazole		ND		6.2	190
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		ND		6.2	25
Benzo[k]fluoranthene		ND		6.2	31
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	102		36 - 145
Phenol-d5	87		38 - 149
Nitrobenzene-d5	93		38 - 141
2-Fluorobiphenyl	82		42 - 140
2,4,6-Tribromophenol	79		28 - 143
Terphenyl-d14	78		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)**

Lab Sample ID: 580-24938-10 | Date Sampled: 03/11/2011 1020
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004090.D
Dilution:	1.0			Initial Weight/Volume:	10.1203 g
Date Analyzed:	03/14/2011 1423			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	65
1,4-Dichlorobenzene		ND		19	65
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	65
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	260
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		44	130
Isophorone		ND	*	6.5	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		970	3200
Bis(2-chloroethoxy)methane		ND		6.5	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	65
Naphthalene		ND		6.5	26
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	65
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.5	26
Hexachlorocyclopentadiene		ND		6.5	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.5	26
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.5	130
Acenaphthylene		ND		6.5	26
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.5	26
2,4-Dinitrophenol		ND		260	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.5	130
2,4-Dinitrotoluene		ND	*	19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.5	26
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.5	65
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.5	65

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)**

Lab Sample ID: 580-24938-10 | Date Sampled: 03/11/2011 1020
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004090.D
Dilution:	1.0			Initial Weight/Volume:	10.1203 g
Date Analyzed:	03/14/2011 1423			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	260
Phenanthrene		ND		6.5	26
Anthracene		ND		6.5	26
Di-n-butyl phthalate		ND		65	260
Fluoranthene		ND		6.5	26
Pyrene		ND		6.5	26
Butyl benzyl phthalate		ND		65	130
3,3'-Dichlorobenzidine		ND	*	39	260
Benzo[a]anthracene		ND		6.5	32
Chrysene		ND		6.5	32
Bis(2-ethylhexyl) phthalate		ND		65	1900
Di-n-octyl phthalate		ND		6.5	260
Benzo[a]pyrene		ND		6.5	39
Indeno[1,2,3-cd]pyrene		ND		6.5	52
Dibenz(a,h)anthracene		ND		6.5	52
Benzo[g,h,i]perylene		ND		6.5	32
Carbazole		ND		6.5	190
1-Methylnaphthalene		ND		6.5	39
Benzo[b]fluoranthene		ND		6.5	26
Benzo[k]fluoranthene		ND		6.5	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	102		36 - 145
Phenol-d5	88		38 - 149
Nitrobenzene-d5	91		38 - 141
2-Fluorobiphenyl	81		42 - 140
2,4,6-Tribromophenol	81		28 - 143
Terphenyl-d14	81		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)D**

Lab Sample ID: 580-24938-11 | Date Sampled: 03/11/2011 1021
Client Matrix: Solid | % Moisture: 29.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004091.D
Dilution:	1.0			Initial Weight/Volume:	10.0458 g
Date Analyzed:	03/14/2011 1442			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		21	140
Bis(2-chloroethyl)ether		ND		21	140
2-Chlorophenol		ND		21	140
1,3-Dichlorobenzene		ND		21	71
1,4-Dichlorobenzene		ND		21	71
Benzyl alcohol		ND		21	140
1,2-Dichlorobenzene		ND		21	71
2-Methylphenol		ND		21	140
3 & 4 Methylphenol		ND		21	280
N-Nitrosodi-n-propylamine		ND		21	140
Hexachloroethane		ND		21	140
Nitrobenzene		ND		48	140
Isophorone		ND	*	7.1	140
2-Nitrophenol		ND		21	140
2,4-Dimethylphenol		ND		21	140
Benzoic acid		ND		1100	3500
Bis(2-chloroethoxy)methane		ND		7.1	140
2,4-Dichlorophenol		ND		21	140
1,2,4-Trichlorobenzene		ND		21	71
Naphthalene		ND		7.1	28
4-Chloroaniline		ND		21	140
Hexachlorobutadiene		ND		21	71
4-Chloro-3-methylphenol		ND		21	140
2-Methylnaphthalene		ND		7.1	28
Hexachlorocyclopentadiene		ND		7.1	140
2,4,6-Trichlorophenol		ND		21	210
2,4,5-Trichlorophenol		ND		21	140
2-Chloronaphthalene		ND		7.1	28
2-Nitroaniline		ND		21	140
Dimethyl phthalate		ND		7.1	140
Acenaphthylene		ND		7.1	28
2,6-Dinitrotoluene		ND		21	140
3-Nitroaniline		ND		21	140
Acenaphthene		ND		7.1	28
2,4-Dinitrophenol		ND		280	1400
4-Nitrophenol		ND		350	1400
Dibenzofuran		ND		7.1	140
2,4-Dinitrotoluene		ND	*	21	140
Diethyl phthalate		ND		21	140
4-Chlorophenyl phenyl ether		ND		21	140
Fluorene		ND		7.1	28
4-Nitroaniline		ND		21	140
4,6-Dinitro-2-methylphenol		ND		140	1400
N-Nitrosodiphenylamine		ND	*	7.1	71
4-Bromophenyl phenyl ether		ND		21	140
Hexachlorobenzene		ND		7.1	71

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)D**

Lab Sample ID: 580-24938-11 | Date Sampled: 03/11/2011 1021
Client Matrix: Solid | % Moisture: 29.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004091.D
Dilution:	1.0			Initial Weight/Volume:	10.0458 g
Date Analyzed:	03/14/2011 1442			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		21	280
Phenanthrene		ND		7.1	28
Anthracene		ND		7.1	28
Di-n-butyl phthalate		ND		71	280
Fluoranthene		ND		7.1	28
Pyrene		ND		7.1	28
Butyl benzyl phthalate		ND		71	140
3,3'-Dichlorobenzidine		ND	*	42	280
Benzo[a]anthracene		ND		7.1	35
Chrysene		ND		7.1	35
Bis(2-ethylhexyl) phthalate		ND		71	2100
Di-n-octyl phthalate		ND		7.1	280
Benzo[a]pyrene		ND		7.1	42
Indeno[1,2,3-cd]pyrene		ND		7.1	57
Dibenz(a,h)anthracene		ND		7.1	57
Benzo[g,h,i]perylene		ND		7.1	35
Carbazole		ND		7.1	210
1-Methylnaphthalene		ND		7.1	42
Benzo[b]fluoranthene		ND		7.1	28
Benzo[k]fluoranthene		ND		7.1	35
2,2'-oxybis[1-chloropropane]		ND		21	210

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	97		36 - 145
Phenol-d5	83		38 - 149
Nitrobenzene-d5	88		38 - 141
2-Fluorobiphenyl	66		42 - 140
2,4,6-Tribromophenol	75		28 - 143
Terphenyl-d14	67		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(0-1)**

Lab Sample ID: 580-24938-12 | Date Sampled: 03/11/2011 1045
Client Matrix: Solid | % Moisture: 24.9 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004092.D
Dilution:	1.0			Initial Weight/Volume:	10.2460 g
Date Analyzed:	03/14/2011 1501			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		20	130
Bis(2-chloroethyl)ether		ND		20	130
2-Chlorophenol		ND		20	130
1,3-Dichlorobenzene		ND		20	65
1,4-Dichlorobenzene		ND		20	65
Benzyl alcohol		ND		20	130
1,2-Dichlorobenzene		ND		20	65
2-Methylphenol		ND		20	130
3 & 4 Methylphenol		ND		20	260
N-Nitrosodi-n-propylamine		ND		20	130
Hexachloroethane		ND		20	130
Nitrobenzene		ND		44	130
Isophorone		ND	*	6.5	130
2-Nitrophenol		ND		20	130
2,4-Dimethylphenol		ND		20	130
Benzoic acid		ND		980	3300
Bis(2-chloroethoxy)methane		ND		6.5	130
2,4-Dichlorophenol		ND		20	130
1,2,4-Trichlorobenzene		ND		20	65
Naphthalene		ND		6.5	26
4-Chloroaniline		ND		20	130
Hexachlorobutadiene		ND		20	65
4-Chloro-3-methylphenol		ND		20	130
2-Methylnaphthalene		ND		6.5	26
Hexachlorocyclopentadiene		ND		6.5	130
2,4,6-Trichlorophenol		ND		20	200
2,4,5-Trichlorophenol		ND		20	130
2-Chloronaphthalene		ND		6.5	26
2-Nitroaniline		ND		20	130
Dimethyl phthalate		ND		6.5	130
Acenaphthylene		ND		6.5	26
2,6-Dinitrotoluene		ND		20	130
3-Nitroaniline		ND		20	130
Acenaphthene		ND		6.5	26
2,4-Dinitrophenol		ND		260	1300
4-Nitrophenol		ND		330	1300
Dibenzofuran		ND		6.5	130
2,4-Dinitrotoluene		ND	*	20	130
Diethyl phthalate		ND		20	130
4-Chlorophenyl phenyl ether		ND		20	130
Fluorene		ND		6.5	26
4-Nitroaniline		ND		20	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.5	65
4-Bromophenyl phenyl ether		ND		20	130
Hexachlorobenzene		ND		6.5	65

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(0-1)**

Lab Sample ID: 580-24938-12 | Date Sampled: 03/11/2011 1045
Client Matrix: Solid | % Moisture: 24.9 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004092.D
Dilution:	1.0			Initial Weight/Volume:	10.2460 g
Date Analyzed:	03/14/2011 1501			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		20	260
Phenanthrene		ND		6.5	26
Anthracene		ND		6.5	26
Di-n-butyl phthalate		ND		65	260
Fluoranthene		18	J	6.5	26
Pyrene		ND		6.5	26
Butyl benzyl phthalate		ND		65	130
3,3'-Dichlorobenzidine		ND	*	39	260
Benzo[a]anthracene		11	J	6.5	33
Chrysene		10	J	6.5	33
Bis(2-ethylhexyl) phthalate		ND		65	2000
Di-n-octyl phthalate		ND		6.5	260
Benzo[a]pyrene		13	J	6.5	39
Indeno[1,2,3-cd]pyrene		ND		6.5	52
Dibenz(a,h)anthracene		ND		6.5	52
Benzo[g,h,i]perylene		11	J	6.5	33
Carbazole		ND		6.5	200
1-Methylnaphthalene		ND		6.5	39
Benzo[b]fluoranthene		20	J	6.5	26
Benzo[k]fluoranthene		9.4	J	6.5	33
2,2'-oxybis[1-chloropropane]		ND		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	99		36 - 145
Phenol-d5	78		38 - 149
Nitrobenzene-d5	92		38 - 141
2-Fluorobiphenyl	81		42 - 140
2,4,6-Tribromophenol	84		28 - 143
Terphenyl-d14	78		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(0-1)**

Lab Sample ID: 580-24938-13 | Date Sampled: 03/11/2011 0737
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004093.D
Dilution:	1.0			Initial Weight/Volume:	10.5012 g
Date Analyzed:	03/14/2011 1520			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	60
1,4-Dichlorobenzene		ND		18	60
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	60
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		41	120
Isophorone		ND	*	6.0	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		900	3000
Bis(2-chloroethoxy)methane		ND		6.0	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	60
Naphthalene		ND		6.0	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	60
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.0	24
Hexachlorocyclopentadiene		ND		6.0	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.0	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.0	120
Acenaphthylene		ND		6.0	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.0	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		300	1200
Dibenzofuran		ND		6.0	120
2,4-Dinitrotoluene		ND	*	18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.0	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND	*	6.0	60
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.0	60

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(0-1)**

Lab Sample ID: 580-24938-13 | Date Sampled: 03/11/2011 0737
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004093.D
Dilution:	1.0			Initial Weight/Volume:	10.5012 g
Date Analyzed:	03/14/2011 1520			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		ND		6.0	24
Anthracene		ND		6.0	24
Di-n-butyl phthalate		ND		60	240
Fluoranthene		ND		6.0	24
Pyrene		ND		6.0	24
Butyl benzyl phthalate		ND		60	120
3,3'-Dichlorobenzidine		ND	*	36	240
Benzo[a]anthracene		ND		6.0	30
Chrysene		ND		6.0	30
Bis(2-ethylhexyl) phthalate		ND		60	1800
Di-n-octyl phthalate		ND		6.0	240
Benzo[a]pyrene		ND		6.0	36
Indeno[1,2,3-cd]pyrene		ND		6.0	48
Dibenz(a,h)anthracene		ND		6.0	48
Benzo[g,h,i]perylene		ND		6.0	30
Carbazole		ND		6.0	180
1-Methylnaphthalene		ND		6.0	36
Benzo[b]fluoranthene		ND		6.0	24
Benzo[k]fluoranthene		ND		6.0	30
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	103		36 - 145
Phenol-d5	81		38 - 149
Nitrobenzene-d5	92		38 - 141
2-Fluorobiphenyl	67		42 - 140
2,4,6-Tribromophenol	80		28 - 143
Terphenyl-d14	73		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(4-5)**

Lab Sample ID: 580-24938-14 | Date Sampled: 03/11/2011 0745
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004094.D
Dilution:	1.0			Initial Weight/Volume:	10.4594 g
Date Analyzed:	03/14/2011 1539			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	63
1,4-Dichlorobenzene		ND		19	63
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	63
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		43	130
Isophorone		ND	*	6.3	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		950	3200
Bis(2-chloroethoxy)methane		ND		6.3	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	63
Naphthalene		ND		6.3	25
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	63
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.3	25
Hexachlorocyclopentadiene		ND		6.3	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.3	25
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.3	130
Acenaphthylene		ND		6.3	25
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.3	25
2,4-Dinitrophenol		ND		250	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.3	130
2,4-Dinitrotoluene		ND	*	19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.3	25
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.3	63
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.3	63

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(4-5)**

Lab Sample ID: 580-24938-14 | Date Sampled: 03/11/2011 0745
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004094.D
Dilution:	1.0			Initial Weight/Volume:	10.4594 g
Date Analyzed:	03/14/2011 1539			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.3	25
Anthracene		ND		6.3	25
Di-n-butyl phthalate		ND		63	250
Fluoranthene		ND		6.3	25
Pyrene		ND		6.3	25
Butyl benzyl phthalate		ND		63	130
3,3'-Dichlorobenzidine		ND	*	38	250
Benzo[a]anthracene		ND		6.3	32
Chrysene		ND		6.3	32
Bis(2-ethylhexyl) phthalate		ND		63	1900
Di-n-octyl phthalate		ND		6.3	250
Benzo[a]pyrene		ND		6.3	38
Indeno[1,2,3-cd]pyrene		ND		6.3	51
Dibenz(a,h)anthracene		ND		6.3	51
Benzo[g,h,i]perylene		ND		6.3	32
Carbazole		ND		6.3	190
1-Methylnaphthalene		ND		6.3	38
Benzo[b]fluoranthene		ND		6.3	25
Benzo[k]fluoranthene		ND		6.3	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	101		36 - 145
Phenol-d5	90		38 - 149
Nitrobenzene-d5	91		38 - 141
2-Fluorobiphenyl	70		42 - 140
2,4,6-Tribromophenol	76		28 - 143
Terphenyl-d14	73		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(0-1)**

Lab Sample ID: 580-24938-15 | Date Sampled: 03/11/2011 0830
Client Matrix: Solid | % Moisture: 19.1 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004095.D
Dilution:	1.0			Initial Weight/Volume:	10.0212 g
Date Analyzed:	03/14/2011 1558			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	62
1,4-Dichlorobenzene		ND		18	62
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	62
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	250
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.2	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	62
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND	*	18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND	*	6.2	62
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(0-1)**

Lab Sample ID: 580-24938-15 | Date Sampled: 03/11/2011 0830
Client Matrix: Solid | % Moisture: 19.1 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004095.D
Dilution:	1.0			Initial Weight/Volume:	10.0212 g
Date Analyzed:	03/14/2011 1558			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	250
Phenanthrene		ND		6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		ND		6.2	25
Pyrene		ND		6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND	*	37	250
Benzo[a]anthracene		ND		6.2	31
Chrysene		ND		6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1800
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		ND		6.2	37
Indeno[1,2,3-cd]pyrene		ND		6.2	49
Dibenz(a,h)anthracene		ND		6.2	49
Benzo[g,h,i]perylene		ND		6.2	31
Carbazole		ND		6.2	180
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		ND		6.2	25
Benzo[k]fluoranthene		ND		6.2	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	105		36 - 145
Phenol-d5	92		38 - 149
Nitrobenzene-d5	96		38 - 141
2-Fluorobiphenyl	80		42 - 140
2,4,6-Tribromophenol	89		28 - 143
Terphenyl-d14	77		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(2-3)**

Lab Sample ID: 580-24938-16 | Date Sampled: 03/11/2011 0835
Client Matrix: Solid | % Moisture: 25.4 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004096.D
Dilution:	1.0			Initial Weight/Volume:	10.4212 g
Date Analyzed:	03/14/2011 1617			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	64
1,4-Dichlorobenzene		ND		19	64
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	64
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	260
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		44	130
Isophorone		ND	*	6.4	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		960	3200
Bis(2-chloroethoxy)methane		ND		6.4	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	64
Naphthalene		ND		6.4	26
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	64
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.4	26
Hexachlorocyclopentadiene		ND		6.4	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.4	26
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.4	130
Acenaphthylene		ND		6.4	26
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.4	26
2,4-Dinitrophenol		ND		260	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.4	130
2,4-Dinitrotoluene		ND	*	19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.4	26
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.4	64
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.4	64

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(2-3)**

Lab Sample ID: 580-24938-16 | Date Sampled: 03/11/2011 0835
Client Matrix: Solid | % Moisture: 25.4 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004096.D
Dilution:	1.0			Initial Weight/Volume:	10.4212 g
Date Analyzed:	03/14/2011 1617			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	260
Phenanthrene		ND		6.4	26
Anthracene		ND		6.4	26
Di-n-butyl phthalate		ND		64	260
Fluoranthene		ND		6.4	26
Pyrene		ND		6.4	26
Butyl benzyl phthalate		ND		64	130
3,3'-Dichlorobenzidine		ND	*	39	260
Benzo[a]anthracene		ND		6.4	32
Chrysene		ND		6.4	32
Bis(2-ethylhexyl) phthalate		ND		64	1900
Di-n-octyl phthalate		ND		6.4	260
Benzo[a]pyrene		ND		6.4	39
Indeno[1,2,3-cd]pyrene		ND		6.4	51
Dibenz(a,h)anthracene		ND		6.4	51
Benzo[g,h,i]perylene		ND		6.4	32
Carbazole		ND		6.4	190
1-Methylnaphthalene		ND		6.4	39
Benzo[b]fluoranthene		ND		6.4	26
Benzo[k]fluoranthene		ND		6.4	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	118		36 - 145
Phenol-d5	101		38 - 149
Nitrobenzene-d5	101		38 - 141
2-Fluorobiphenyl	89		42 - 140
2,4,6-Tribromophenol	85		28 - 143
Terphenyl-d14	85		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(0-1)**

Lab Sample ID: 580-24938-17 | Date Sampled: 03/11/2011 0845
Client Matrix: Solid | % Moisture: 26.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004097.D
Dilution:	1.0			Initial Weight/Volume:	10.0979 g
Date Analyzed:	03/14/2011 1636			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		20	130
Bis(2-chloroethyl)ether		ND		20	130
2-Chlorophenol		ND		20	130
1,3-Dichlorobenzene		ND		20	67
1,4-Dichlorobenzene		ND		20	67
Benzyl alcohol		ND		20	130
1,2-Dichlorobenzene		ND		20	67
2-Methylphenol		ND		20	130
3 & 4 Methylphenol		ND		20	270
N-Nitrosodi-n-propylamine		ND		20	130
Hexachloroethane		ND		20	130
Nitrobenzene		ND		46	130
Isophorone		ND	*	6.7	130
2-Nitrophenol		ND		20	130
2,4-Dimethylphenol		ND		20	130
Benzoic acid		ND		1000	3400
Bis(2-chloroethoxy)methane		ND		6.7	130
2,4-Dichlorophenol		ND		20	130
1,2,4-Trichlorobenzene		ND		20	67
Naphthalene		ND		6.7	27
4-Chloroaniline		ND		20	130
Hexachlorobutadiene		ND		20	67
4-Chloro-3-methylphenol		ND		20	130
2-Methylnaphthalene		ND		6.7	27
Hexachlorocyclopentadiene		ND		6.7	130
2,4,6-Trichlorophenol		ND		20	200
2,4,5-Trichlorophenol		ND		20	130
2-Chloronaphthalene		ND		6.7	27
2-Nitroaniline		ND		20	130
Dimethyl phthalate		ND		6.7	130
Acenaphthylene		ND		6.7	27
2,6-Dinitrotoluene		ND		20	130
3-Nitroaniline		ND		20	130
Acenaphthene		ND		6.7	27
2,4-Dinitrophenol		ND		270	1300
4-Nitrophenol		ND		340	1300
Dibenzofuran		ND		6.7	130
2,4-Dinitrotoluene		ND	*	20	130
Diethyl phthalate		ND		20	130
4-Chlorophenyl phenyl ether		ND		20	130
Fluorene		ND		6.7	27
4-Nitroaniline		ND		20	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.7	67
4-Bromophenyl phenyl ether		ND		20	130
Hexachlorobenzene		ND		6.7	67

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(0-1)**

Lab Sample ID: 580-24938-17 | Date Sampled: 03/11/2011 0845
Client Matrix: Solid | % Moisture: 26.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004097.D
Dilution:	1.0			Initial Weight/Volume:	10.0979 g
Date Analyzed:	03/14/2011 1636			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		20	270
Phenanthrene		ND		6.7	27
Anthracene		ND		6.7	27
Di-n-butyl phthalate		ND		67	270
Fluoranthene		ND		6.7	27
Pyrene		ND		6.7	27
Butyl benzyl phthalate		ND		67	130
3,3'-Dichlorobenzidine		ND	*	40	270
Benzo[a]anthracene		ND		6.7	34
Chrysene		ND		6.7	34
Bis(2-ethylhexyl) phthalate		ND		67	2000
Di-n-octyl phthalate		ND		6.7	270
Benzo[a]pyrene		ND		6.7	40
Indeno[1,2,3-cd]pyrene		ND		6.7	54
Dibenz(a,h)anthracene		ND		6.7	54
Benzo[g,h,i]perylene		ND		6.7	34
Carbazole		ND		6.7	200
1-Methylnaphthalene		ND		6.7	40
Benzo[b]fluoranthene		ND		6.7	27
Benzo[k]fluoranthene		ND		6.7	34
2,2'-oxybis[1-chloropropane]		ND		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	86		36 - 145
Phenol-d5	81		38 - 149
Nitrobenzene-d5	90		38 - 141
2-Fluorobiphenyl	70		42 - 140
2,4,6-Tribromophenol	80		28 - 143
Terphenyl-d14	72		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(3-4)**

Lab Sample ID: 580-24938-18 | Date Sampled: 03/11/2011 0900
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004098.D
Dilution:	1.0			Initial Weight/Volume:	10.4578 g
Date Analyzed:	03/14/2011 1655			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	120
Bis(2-chloroethyl)ether		ND		19	120
2-Chlorophenol		ND		19	120
1,3-Dichlorobenzene		ND		19	62
1,4-Dichlorobenzene		ND		19	62
Benzyl alcohol		ND		19	120
1,2-Dichlorobenzene		ND		19	62
2-Methylphenol		ND		19	120
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	120
Hexachloroethane		ND		19	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.2	120
2-Nitrophenol		ND		19	120
2,4-Dimethylphenol		ND		19	120
Benzoic acid		ND		930	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		19	120
1,2,4-Trichlorobenzene		ND		19	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		19	120
Hexachlorobutadiene		ND		19	62
4-Chloro-3-methylphenol		ND		19	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		19	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		19	120
3-Nitroaniline		ND		19	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND	*	19	120
Diethyl phthalate		ND		19	120
4-Chlorophenyl phenyl ether		ND		19	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		19	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND	*	6.2	62
4-Bromophenyl phenyl ether		ND		19	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(3-4)**

Lab Sample ID: 580-24938-18 | Date Sampled: 03/11/2011 0900
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004098.D
Dilution:	1.0			Initial Weight/Volume:	10.4578 g
Date Analyzed:	03/14/2011 1655			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		ND		6.2	25
Pyrene		ND		6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND	*	37	250
Benzo[a]anthracene		ND		6.2	31
Chrysene		ND		6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1900
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		ND		6.2	37
Indeno[1,2,3-cd]pyrene		ND		6.2	49
Dibenz(a,h)anthracene		ND		6.2	49
Benzo[g,h,i]perylene		ND		6.2	31
Carbazole		ND		6.2	190
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		ND		6.2	25
Benzo[k]fluoranthene		ND		6.2	31
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	101		36 - 145
Phenol-d5	90		38 - 149
Nitrobenzene-d5	92		38 - 141
2-Fluorobiphenyl	81		42 - 140
2,4,6-Tribromophenol	77		28 - 143
Terphenyl-d14	80		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)**

Lab Sample ID: 580-24938-19 | Date Sampled: 03/11/2011 0920
Client Matrix: Solid | % Moisture: 22.9 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004099.D
Dilution:	1.0			Initial Weight/Volume:	10.2672 g
Date Analyzed:	03/14/2011 1714			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	63
1,4-Dichlorobenzene		ND		19	63
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	63
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		43	130
Isophorone		ND	*	6.3	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		950	3200
Bis(2-chloroethoxy)methane		ND		6.3	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	63
Naphthalene		ND		6.3	25
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	63
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.3	25
Hexachlorocyclopentadiene		ND		6.3	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.3	25
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.3	130
Acenaphthylene		ND		6.3	25
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.3	25
2,4-Dinitrophenol		ND		250	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.3	130
2,4-Dinitrotoluene		ND	*	19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.3	25
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND	*	6.3	63
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.3	63

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)**

Lab Sample ID: 580-24938-19 | Date Sampled: 03/11/2011 0920
Client Matrix: Solid | % Moisture: 22.9 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004099.D
Dilution:	1.0			Initial Weight/Volume:	10.2672 g
Date Analyzed:	03/14/2011 1714			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.3	25
Anthracene		ND		6.3	25
Di-n-butyl phthalate		ND		63	250
Fluoranthene		ND		6.3	25
Pyrene		ND		6.3	25
Butyl benzyl phthalate		ND		63	130
3,3'-Dichlorobenzidine		ND	*	38	250
Benzo[a]anthracene		ND		6.3	32
Chrysene		ND		6.3	32
Bis(2-ethylhexyl) phthalate		ND		63	1900
Di-n-octyl phthalate		ND		6.3	250
Benzo[a]pyrene		ND		6.3	38
Indeno[1,2,3-cd]pyrene		ND		6.3	51
Dibenz(a,h)anthracene		ND		6.3	51
Benzo[g,h,i]perylene		ND		6.3	32
Carbazole		ND		6.3	190
1-Methylnaphthalene		ND		6.3	38
Benzo[b]fluoranthene		ND		6.3	25
Benzo[k]fluoranthene		ND		6.3	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	112		36 - 145
Phenol-d5	99		38 - 149
Nitrobenzene-d5	97		38 - 141
2-Fluorobiphenyl	78		42 - 140
2,4,6-Tribromophenol	84		28 - 143
Terphenyl-d14	78		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)D**

Lab Sample ID: 580-24938-20 | Date Sampled: 03/11/2011 0921
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004100.D
Dilution:	1.0			Initial Weight/Volume:	10.2049 g
Date Analyzed:	03/14/2011 1733			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	62
1,4-Dichlorobenzene		ND		18	62
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	62
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	250
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.2	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	62
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND	*	18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND	*	6.2	62
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)D**

Lab Sample ID: 580-24938-20 | Date Sampled: 03/11/2011 0921
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3550B	Prep Batch: 580-82163		Lab File ID:	FT004100.D
Dilution:	1.0			Initial Weight/Volume:	10.2049 g
Date Analyzed:	03/14/2011 1733			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	250
Phenanthrene		ND		6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		ND		6.2	25
Pyrene		ND		6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND	*	37	250
Benzo[a]anthracene		ND		6.2	31
Chrysene		ND		6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1800
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		ND		6.2	37
Indeno[1,2,3-cd]pyrene		ND		6.2	49
Dibenz(a,h)anthracene		ND		6.2	49
Benzo[g,h,i]perylene		ND		6.2	31
Carbazole		ND		6.2	180
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		ND		6.2	25
Benzo[k]fluoranthene		ND		6.2	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	110		36 - 145
Phenol-d5	101		38 - 149
Nitrobenzene-d5	96		38 - 141
2-Fluorobiphenyl	88		42 - 140
2,4,6-Tribromophenol	87		28 - 143
Terphenyl-d14	85		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(3-4)**

Lab Sample ID: 580-24938-21 | Date Sampled: 03/11/2011 0930
Client Matrix: Solid | % Moisture: 31.4 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024467.D
Dilution:	1.0			Initial Weight/Volume:	10.3101 g
Date Analyzed:	03/14/2011 1010			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		21	140
Bis(2-chloroethyl)ether		ND		21	140
2-Chlorophenol		ND		21	140
1,3-Dichlorobenzene		ND		21	71
1,4-Dichlorobenzene		ND		21	71
Benzyl alcohol		ND		21	140
1,2-Dichlorobenzene		ND		21	71
2-Methylphenol		ND		21	140
3 & 4 Methylphenol		ND		21	280
N-Nitrosodi-n-propylamine		ND		21	140
Hexachloroethane		ND		21	140
Nitrobenzene		ND		48	140
Isophorone		ND	*	7.1	140
2-Nitrophenol		ND		21	140
2,4-Dimethylphenol		ND		21	140
Benzoic acid		ND		1100	3500
Bis(2-chloroethoxy)methane		ND		7.1	140
2,4-Dichlorophenol		ND		21	140
1,2,4-Trichlorobenzene		ND		21	71
Naphthalene		ND		7.1	28
4-Chloroaniline		ND		21	140
Hexachlorobutadiene		ND		21	71
4-Chloro-3-methylphenol		ND		21	140
2-Methylnaphthalene		ND		7.1	28
Hexachlorocyclopentadiene		ND		7.1	140
2,4,6-Trichlorophenol		ND		21	210
2,4,5-Trichlorophenol		ND		21	140
2-Chloronaphthalene		ND		7.1	28
2-Nitroaniline		ND		21	140
Dimethyl phthalate		ND		7.1	140
Acenaphthylene		ND		7.1	28
2,6-Dinitrotoluene		ND		21	140
3-Nitroaniline		ND		21	140
Acenaphthene		ND		7.1	28
2,4-Dinitrophenol		ND		280	1400
4-Nitrophenol		ND		350	1400
Dibenzofuran		ND		7.1	140
2,4-Dinitrotoluene		ND		21	140
Diethyl phthalate		ND		21	140
4-Chlorophenyl phenyl ether		ND		21	140
Fluorene		ND		7.1	28
4-Nitroaniline		ND		21	140
4,6-Dinitro-2-methylphenol		ND		140	1400
N-Nitrosodiphenylamine		ND		7.1	71
4-Bromophenyl phenyl ether		ND		21	140
Hexachlorobenzene		ND		7.1	71

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(3-4)**

Lab Sample ID: 580-24938-21 | Date Sampled: 03/11/2011 0930
Client Matrix: Solid | % Moisture: 31.4 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024467.D
Dilution:	1.0			Initial Weight/Volume:	10.3101 g
Date Analyzed:	03/14/2011 1010			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		21	280
Phenanthrene		ND		7.1	28
Anthracene		ND		7.1	28
Di-n-butyl phthalate		ND		71	280
Fluoranthene		ND		7.1	28
Pyrene		ND		7.1	28
Butyl benzyl phthalate		ND		71	140
3,3'-Dichlorobenzidine		ND		42	280
Benzo[a]anthracene		ND		7.1	35
Chrysene		ND		7.1	35
Bis(2-ethylhexyl) phthalate		ND		71	2100
Di-n-octyl phthalate		ND		7.1	280
Benzo[a]pyrene		ND		7.1	42
Indeno[1,2,3-cd]pyrene		ND		7.1	57
Dibenz(a,h)anthracene		ND		7.1	57
Benzo[g,h,i]perylene		ND		7.1	35
Carbazole		ND		7.1	210
1-Methylnaphthalene		ND		7.1	42
Benzo[b]fluoranthene		ND		7.1	28
Benzo[k]fluoranthene		ND		7.1	35
2,2'-oxybis[1-chloropropane]		ND		21	210

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	143		36 - 145
Phenol-d5	143		38 - 149
Nitrobenzene-d5	152	X	38 - 141
2-Fluorobiphenyl	131		42 - 140
2,4,6-Tribromophenol	123		28 - 143
Terphenyl-d14	116		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(0-1)**

Lab Sample ID: 580-24938-22 | Date Sampled: 03/11/2011 0945
Client Matrix: Solid | % Moisture: 20.6 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024468.D
Dilution:	1.0			Initial Weight/Volume:	10.2710 g
Date Analyzed:	03/14/2011 1031			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	250
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	25
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.1	25
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	25
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	25
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	25
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(0-1)**

Lab Sample ID: 580-24938-22 | Date Sampled: 03/11/2011 0945
Client Matrix: Solid | % Moisture: 20.6 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024468.D
Dilution:	1.0			Initial Weight/Volume:	10.2710 g
Date Analyzed:	03/14/2011 1031			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	250
Phenanthrene		6.8	J	6.1	25
Anthracene		ND		6.1	25
Di-n-butyl phthalate		ND		61	250
Fluoranthene		ND		6.1	25
Pyrene		ND		6.1	25
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND		37	250
Benzo[a]anthracene		ND		6.1	31
Chrysene		ND		6.1	31
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	250
Benzo[a]pyrene		ND		6.1	37
Indeno[1,2,3-cd]pyrene		ND		6.1	49
Dibenz(a,h)anthracene		ND		6.1	49
Benzo[g,h,i]perylene		ND		6.1	31
Carbazole		ND		6.1	180
1-Methylnaphthalene		ND		6.1	37
Benzo[b]fluoranthene		ND		6.1	25
Benzo[k]fluoranthene		ND		6.1	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	126		36 - 145
Phenol-d5	121		38 - 149
Nitrobenzene-d5	130		38 - 141
2-Fluorobiphenyl	114		42 - 140
2,4,6-Tribromophenol	111		28 - 143
Terphenyl-d14	95		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(3-4)**

Lab Sample ID: 580-24938-23 | Date Sampled: 03/11/2011 0950
Client Matrix: Solid | % Moisture: 24.3 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024471.D
Dilution:	1.0			Initial Weight/Volume:	10.4388 g
Date Analyzed:	03/14/2011 1134			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	63
1,4-Dichlorobenzene		ND		19	63
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	63
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		43	130
Isophorone		ND	*	6.3	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		950	3200
Bis(2-chloroethoxy)methane		ND		6.3	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	63
Naphthalene		ND		6.3	25
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	63
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.3	25
Hexachlorocyclopentadiene		ND		6.3	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.3	25
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.3	130
Acenaphthylene		ND		6.3	25
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.3	25
2,4-Dinitrophenol		ND		250	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.3	130
2,4-Dinitrotoluene		ND		19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.3	25
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND		6.3	63
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.3	63

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(3-4)**

Lab Sample ID: 580-24938-23 | Date Sampled: 03/11/2011 0950
Client Matrix: Solid | % Moisture: 24.3 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024471.D
Dilution:	1.0			Initial Weight/Volume:	10.4388 g
Date Analyzed:	03/14/2011 1134			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.3	25
Anthracene		ND		6.3	25
Di-n-butyl phthalate		ND		63	250
Fluoranthene		ND		6.3	25
Pyrene		ND		6.3	25
Butyl benzyl phthalate		ND		63	130
3,3'-Dichlorobenzidine		ND		38	250
Benzo[a]anthracene		ND		6.3	32
Chrysene		ND		6.3	32
Bis(2-ethylhexyl) phthalate		ND		63	1900
Di-n-octyl phthalate		ND		6.3	250
Benzo[a]pyrene		ND		6.3	38
Indeno[1,2,3-cd]pyrene		ND		6.3	51
Dibenz(a,h)anthracene		ND		6.3	51
Benzo[g,h,i]perylene		ND		6.3	32
Carbazole		ND		6.3	190
1-Methylnaphthalene		ND		6.3	38
Benzo[b]fluoranthene		ND		6.3	25
Benzo[k]fluoranthene		ND		6.3	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	93		36 - 145
Phenol-d5	91		38 - 149
Nitrobenzene-d5	99		38 - 141
2-Fluorobiphenyl	84		42 - 140
2,4,6-Tribromophenol	78		28 - 143
Terphenyl-d14	78		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(0-1)**

Lab Sample ID: 580-24938-24 | Date Sampled: 03/11/2011 1015
Client Matrix: Solid | % Moisture: 22.6 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024472.D
Dilution:	1.0			Initial Weight/Volume:	10.4471 g
Date Analyzed:	03/14/2011 1155			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	120
Bis(2-chloroethyl)ether		ND		19	120
2-Chlorophenol		ND		19	120
1,3-Dichlorobenzene		ND		19	62
1,4-Dichlorobenzene		ND		19	62
Benzyl alcohol		ND		19	120
1,2-Dichlorobenzene		ND		19	62
2-Methylphenol		ND		19	120
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	120
Hexachloroethane		ND		19	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.2	120
2-Nitrophenol		ND		19	120
2,4-Dimethylphenol		ND		19	120
Benzoic acid		ND		930	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		19	120
1,2,4-Trichlorobenzene		ND		19	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		19	120
Hexachlorobutadiene		ND		19	62
4-Chloro-3-methylphenol		ND		19	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		19	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		19	120
3-Nitroaniline		ND		19	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND		19	120
Diethyl phthalate		ND		19	120
4-Chlorophenyl phenyl ether		ND		19	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		19	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.2	62
4-Bromophenyl phenyl ether		ND		19	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(0-1)**

Lab Sample ID: 580-24938-24 | Date Sampled: 03/11/2011 1015
Client Matrix: Solid | % Moisture: 22.6 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024472.D
Dilution:	1.0			Initial Weight/Volume:	10.4471 g
Date Analyzed:	03/14/2011 1155			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		9.7	J	6.2	25
Pyrene		8.3	J	6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND		37	250
Benzo[a]anthracene		7.9	J	6.2	31
Chrysene		8.4	J	6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1900
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		6.9	J	6.2	37
Indeno[1,2,3-cd]pyrene		ND		6.2	49
Dibenz(a,h)anthracene		ND		6.2	49
Benzo[g,h,i]perylene		ND		6.2	31
Carbazole		ND		6.2	190
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		11	J	6.2	25
Benzo[k]fluoranthene		ND		6.2	31
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	92		36 - 145
Phenol-d5	88		38 - 149
Nitrobenzene-d5	90		38 - 141
2-Fluorobiphenyl	80		42 - 140
2,4,6-Tribromophenol	75		28 - 143
Terphenyl-d14	68		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(3-4)**

Lab Sample ID: 580-24938-25 | Date Sampled: 03/11/2011 1055
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024473.D
Dilution:	1.0			Initial Weight/Volume:	10.1477 g
Date Analyzed:	03/14/2011 1216			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		20	130
Bis(2-chloroethyl)ether		ND		20	130
2-Chlorophenol		ND		20	130
1,3-Dichlorobenzene		ND		20	65
1,4-Dichlorobenzene		ND		20	65
Benzyl alcohol		ND		20	130
1,2-Dichlorobenzene		ND		20	65
2-Methylphenol		ND		20	130
3 & 4 Methylphenol		ND		20	260
N-Nitrosodi-n-propylamine		ND		20	130
Hexachloroethane		ND		20	130
Nitrobenzene		ND		44	130
Isophorone		ND	*	6.5	130
2-Nitrophenol		ND		20	130
2,4-Dimethylphenol		ND		20	130
Benzoic acid		ND		980	3300
Bis(2-chloroethoxy)methane		ND		6.5	130
2,4-Dichlorophenol		ND		20	130
1,2,4-Trichlorobenzene		ND		20	65
Naphthalene		ND		6.5	26
4-Chloroaniline		ND		20	130
Hexachlorobutadiene		ND		20	65
4-Chloro-3-methylphenol		ND		20	130
2-Methylnaphthalene		ND		6.5	26
Hexachlorocyclopentadiene		ND		6.5	130
2,4,6-Trichlorophenol		ND		20	200
2,4,5-Trichlorophenol		ND		20	130
2-Chloronaphthalene		ND		6.5	26
2-Nitroaniline		ND		20	130
Dimethyl phthalate		ND		6.5	130
Acenaphthylene		ND		6.5	26
2,6-Dinitrotoluene		ND		20	130
3-Nitroaniline		ND		20	130
Acenaphthene		ND		6.5	26
2,4-Dinitrophenol		ND		260	1300
4-Nitrophenol		ND		330	1300
Dibenzofuran		ND		6.5	130
2,4-Dinitrotoluene		ND		20	130
Diethyl phthalate		ND		20	130
4-Chlorophenyl phenyl ether		ND		20	130
Fluorene		ND		6.5	26
4-Nitroaniline		ND		20	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND		6.5	65
4-Bromophenyl phenyl ether		ND		20	130
Hexachlorobenzene		ND		6.5	65

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(3-4)**

Lab Sample ID: 580-24938-25 | Date Sampled: 03/11/2011 1055
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024473.D
Dilution:	1.0			Initial Weight/Volume:	10.1477 g
Date Analyzed:	03/14/2011 1216			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		20	260
Phenanthrene		ND		6.5	26
Anthracene		ND		6.5	26
Di-n-butyl phthalate		ND		65	260
Fluoranthene		ND		6.5	26
Pyrene		ND		6.5	26
Butyl benzyl phthalate		ND		65	130
3,3'-Dichlorobenzidine		ND		39	260
Benzo[a]anthracene		ND		6.5	33
Chrysene		ND		6.5	33
Bis(2-ethylhexyl) phthalate		ND		65	2000
Di-n-octyl phthalate		ND		6.5	260
Benzo[a]pyrene		ND		6.5	39
Indeno[1,2,3-cd]pyrene		ND		6.5	52
Dibenz(a,h)anthracene		ND		6.5	52
Benzo[g,h,i]perylene		ND		6.5	33
Carbazole		ND		6.5	200
1-Methylnaphthalene		ND		6.5	39
Benzo[b]fluoranthene		ND		6.5	26
Benzo[k]fluoranthene		ND		6.5	33
2,2'-oxybis[1-chloropropane]		ND		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	92		36 - 145
Phenol-d5	91		38 - 149
Nitrobenzene-d5	92		38 - 141
2-Fluorobiphenyl	85		42 - 140
2,4,6-Tribromophenol	76		28 - 143
Terphenyl-d14	73		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(0-1)**

Lab Sample ID: 580-24938-26 | Date Sampled: 03/11/2011 1105
Client Matrix: Solid | % Moisture: 20.1 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024488.D
Dilution:	1.0			Initial Weight/Volume:	10.2860 g
Date Analyzed:	03/14/2011 1733			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		41	120
Isophorone		ND	*	6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		910	3000
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		9.2	J	6.1	24
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		300	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(0-1)**

Lab Sample ID: 580-24938-26 | Date Sampled: 03/11/2011 1105
Client Matrix: Solid | % Moisture: 20.1 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024488.D
Dilution:	1.0			Initial Weight/Volume:	10.2860 g
Date Analyzed:	03/14/2011 1733			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		13	J	6.1	24
Anthracene		ND		6.1	24
Di-n-butyl phthalate		ND		61	240
Fluoranthene		19	J	6.1	24
Pyrene		24		6.1	24
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND		36	240
Benzo[a]anthracene		16	J	6.1	30
Chrysene		42		6.1	30
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	240
Benzo[a]pyrene		18	J	6.1	36
Indeno[1,2,3-cd]pyrene		ND		6.1	49
Dibenz(a,h)anthracene		ND		6.1	49
Benzo[g,h,i]perylene		14	J	6.1	30
Carbazole		ND		6.1	180
1-Methylnaphthalene		12	J	6.1	36
Benzo[b]fluoranthene		ND		6.1	24
Benzo[k]fluoranthene		ND		6.1	30
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	94		36 - 145
Phenol-d5	90		38 - 149
Nitrobenzene-d5	98		38 - 141
2-Fluorobiphenyl	84		42 - 140
2,4,6-Tribromophenol	93		28 - 143
Terphenyl-d14	71		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(4-5)**

Lab Sample ID: 580-24938-27 | Date Sampled: 03/11/2011 1115
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024475.D
Dilution:	1.0			Initial Weight/Volume:	10.3550 g
Date Analyzed:	03/14/2011 1259			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	60
1,4-Dichlorobenzene		ND		18	60
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	60
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		41	120
Isophorone		ND	*	6.0	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		910	3000
Bis(2-chloroethoxy)methane		ND		6.0	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	60
Naphthalene		ND		6.0	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	60
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.0	24
Hexachlorocyclopentadiene		ND		6.0	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.0	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.0	120
Acenaphthylene		ND		6.0	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.0	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		300	1200
Dibenzofuran		ND		6.0	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.0	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.0	60
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.0	60

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(4-5)**

Lab Sample ID: 580-24938-27 | Date Sampled: 03/11/2011 1115
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024475.D
Dilution:	1.0			Initial Weight/Volume:	10.3550 g
Date Analyzed:	03/14/2011 1259			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		ND		6.0	24
Anthracene		ND		6.0	24
Di-n-butyl phthalate		ND		60	240
Fluoranthene		ND		6.0	24
Pyrene		ND		6.0	24
Butyl benzyl phthalate		ND		60	120
3,3'-Dichlorobenzidine		ND		36	240
Benzo[a]anthracene		ND		6.0	30
Chrysene		ND		6.0	30
Bis(2-ethylhexyl) phthalate		ND		60	1800
Di-n-octyl phthalate		ND		6.0	240
Benzo[a]pyrene		ND		6.0	36
Indeno[1,2,3-cd]pyrene		ND		6.0	48
Dibenz(a,h)anthracene		ND		6.0	48
Benzo[g,h,i]perylene		ND		6.0	30
Carbazole		ND		6.0	180
1-Methylnaphthalene		ND		6.0	36
Benzo[b]fluoranthene		ND		6.0	24
Benzo[k]fluoranthene		ND		6.0	30
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	86		36 - 145
Phenol-d5	88		38 - 149
Nitrobenzene-d5	86		38 - 141
2-Fluorobiphenyl	77		42 - 140
2,4,6-Tribromophenol	76		28 - 143
Terphenyl-d14	71		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(0-1)**

Lab Sample ID: 580-24938-28 | Date Sampled: 03/11/2011 1130
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024476.D
Dilution:	1.0			Initial Weight/Volume:	10.4908 g
Date Analyzed:	03/14/2011 1320			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		17	110
Bis(2-chloroethyl)ether		ND		17	110
2-Chlorophenol		ND		17	110
1,3-Dichlorobenzene		ND		17	56
1,4-Dichlorobenzene		ND		17	56
Benzyl alcohol		ND		17	110
1,2-Dichlorobenzene		ND		17	56
2-Methylphenol		ND		17	110
3 & 4 Methylphenol		ND		17	220
N-Nitrosodi-n-propylamine		ND		17	110
Hexachloroethane		ND		17	110
Nitrobenzene		ND		38	110
Isophorone		ND	*	5.6	110
2-Nitrophenol		ND		17	110
2,4-Dimethylphenol		ND		17	110
Benzoic acid		ND		840	2800
Bis(2-chloroethoxy)methane		ND		5.6	110
2,4-Dichlorophenol		ND		17	110
1,2,4-Trichlorobenzene		ND		17	56
Naphthalene		ND		5.6	22
4-Chloroaniline		ND		17	110
Hexachlorobutadiene		ND		17	56
4-Chloro-3-methylphenol		ND		17	110
2-Methylnaphthalene		ND		5.6	22
Hexachlorocyclopentadiene		ND		5.6	110
2,4,6-Trichlorophenol		ND		17	170
2,4,5-Trichlorophenol		ND		17	110
2-Chloronaphthalene		ND		5.6	22
2-Nitroaniline		ND		17	110
Dimethyl phthalate		ND		5.6	110
Acenaphthylene		ND		5.6	22
2,6-Dinitrotoluene		ND		17	110
3-Nitroaniline		ND		17	110
Acenaphthene		ND		5.6	22
2,4-Dinitrophenol		ND		220	1100
4-Nitrophenol		ND		280	1100
Dibenzofuran		ND		5.6	110
2,4-Dinitrotoluene		ND		17	110
Diethyl phthalate		ND		17	110
4-Chlorophenyl phenyl ether		ND		17	110
Fluorene		ND		5.6	22
4-Nitroaniline		ND		17	110
4,6-Dinitro-2-methylphenol		ND		110	1100
N-Nitrosodiphenylamine		ND		5.6	56
4-Bromophenyl phenyl ether		ND		17	110
Hexachlorobenzene		ND		5.6	56

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(0-1)**

Lab Sample ID: 580-24938-28 | Date Sampled: 03/11/2011 1130
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024476.D
Dilution:	1.0			Initial Weight/Volume:	10.4908 g
Date Analyzed:	03/14/2011 1320			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		17	220
Phenanthrene		ND		5.6	22
Anthracene		ND		5.6	22
Di-n-butyl phthalate		ND		56	220
Fluoranthene		ND		5.6	22
Pyrene		ND		5.6	22
Butyl benzyl phthalate		ND		56	110
3,3'-Dichlorobenzidine		ND		34	220
Benzo[a]anthracene		ND		5.6	28
Chrysene		ND		5.6	28
Bis(2-ethylhexyl) phthalate		ND		56	1700
Di-n-octyl phthalate		ND		5.6	220
Benzo[a]pyrene		ND		5.6	34
Indeno[1,2,3-cd]pyrene		ND		5.6	45
Dibenz(a,h)anthracene		ND		5.6	45
Benzo[g,h,i]perylene		ND		5.6	28
Carbazole		ND		5.6	170
1-Methylnaphthalene		ND		5.6	34
Benzo[b]fluoranthene		ND		5.6	22
Benzo[k]fluoranthene		ND		5.6	28
2,2'-oxybis[1-chloropropane]		ND		17	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	97		36 - 145
Phenol-d5	92		38 - 149
Nitrobenzene-d5	99		38 - 141
2-Fluorobiphenyl	87		42 - 140
2,4,6-Tribromophenol	81		28 - 143
Terphenyl-d14	75		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(3-4)**

Lab Sample ID: 580-24938-29 | Date Sampled: 03/11/2011 1140
Client Matrix: Solid | % Moisture: 17.6 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024477.D
Dilution:	1.0			Initial Weight/Volume:	10.3917 g
Date Analyzed:	03/14/2011 1341			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	58
1,4-Dichlorobenzene		ND		18	58
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	58
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	230
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		40	120
Isophorone		ND	*	5.8	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		880	2900
Bis(2-chloroethoxy)methane		ND		5.8	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	58
Naphthalene		ND		5.8	23
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	58
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		5.8	23
Hexachlorocyclopentadiene		ND		5.8	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		5.8	23
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		5.8	120
Acenaphthylene		ND		5.8	23
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		5.8	23
2,4-Dinitrophenol		ND		230	1200
4-Nitrophenol		ND		290	1200
Dibenzofuran		ND		5.8	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		5.8	23
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		5.8	58
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		5.8	58

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(3-4)**

Lab Sample ID: 580-24938-29 | Date Sampled: 03/11/2011 1140
Client Matrix: Solid | % Moisture: 17.6 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024477.D
Dilution:	1.0			Initial Weight/Volume:	10.3917 g
Date Analyzed:	03/14/2011 1341			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	230
Phenanthrene		ND		5.8	23
Anthracene		ND		5.8	23
Di-n-butyl phthalate		ND		58	230
Fluoranthene		ND		5.8	23
Pyrene		ND		5.8	23
Butyl benzyl phthalate		ND		58	120
3,3'-Dichlorobenzidine		ND		35	230
Benzo[a]anthracene		ND		5.8	29
Chrysene		ND		5.8	29
Bis(2-ethylhexyl) phthalate		ND		58	1800
Di-n-octyl phthalate		ND		5.8	230
Benzo[a]pyrene		ND		5.8	35
Indeno[1,2,3-cd]pyrene		ND		5.8	47
Dibenz(a,h)anthracene		ND		5.8	47
Benzo[g,h,i]perylene		ND		5.8	29
Carbazole		ND		5.8	180
1-Methylnaphthalene		ND		5.8	35
Benzo[b]fluoranthene		ND		5.8	23
Benzo[k]fluoranthene		ND		5.8	29
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	100		36 - 145
Phenol-d5	98		38 - 149
Nitrobenzene-d5	106		38 - 141
2-Fluorobiphenyl	90		42 - 140
2,4,6-Tribromophenol	77		28 - 143
Terphenyl-d14	80		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(0-1)**

Lab Sample ID: 580-24938-30 | Date Sampled: 03/11/2011 1205
Client Matrix: Solid | % Moisture: 17.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024478.D
Dilution:	1.0			Initial Weight/Volume:	10.4183 g
Date Analyzed:	03/14/2011 1402			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		17	120
Bis(2-chloroethyl)ether		ND		17	120
2-Chlorophenol		ND		17	120
1,3-Dichlorobenzene		ND		17	58
1,4-Dichlorobenzene		ND		17	58
Benzyl alcohol		ND		17	120
1,2-Dichlorobenzene		ND		17	58
2-Methylphenol		ND		17	120
3 & 4 Methylphenol		ND		17	230
N-Nitrosodi-n-propylamine		ND		17	120
Hexachloroethane		ND		17	120
Nitrobenzene		ND		40	120
Isophorone		ND	*	5.8	120
2-Nitrophenol		ND		17	120
2,4-Dimethylphenol		ND		17	120
Benzoic acid		ND		870	2900
Bis(2-chloroethoxy)methane		ND		5.8	120
2,4-Dichlorophenol		ND		17	120
1,2,4-Trichlorobenzene		ND		17	58
Naphthalene		ND		5.8	23
4-Chloroaniline		ND		17	120
Hexachlorobutadiene		ND		17	58
4-Chloro-3-methylphenol		ND		17	120
2-Methylnaphthalene		ND		5.8	23
Hexachlorocyclopentadiene		ND		5.8	120
2,4,6-Trichlorophenol		ND		17	170
2,4,5-Trichlorophenol		ND		17	120
2-Chloronaphthalene		ND		5.8	23
2-Nitroaniline		ND		17	120
Dimethyl phthalate		ND		5.8	120
Acenaphthylene		ND		5.8	23
2,6-Dinitrotoluene		ND		17	120
3-Nitroaniline		ND		17	120
Acenaphthene		ND		5.8	23
2,4-Dinitrophenol		ND		230	1200
4-Nitrophenol		ND		290	1200
Dibenzofuran		ND		5.8	120
2,4-Dinitrotoluene		ND		17	120
Diethyl phthalate		ND		17	120
4-Chlorophenyl phenyl ether		ND		17	120
Fluorene		ND		5.8	23
4-Nitroaniline		ND		17	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		5.8	58
4-Bromophenyl phenyl ether		ND		17	120
Hexachlorobenzene		ND		5.8	58

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(0-1)**

Lab Sample ID: 580-24938-30 | Date Sampled: 03/11/2011 1205
Client Matrix: Solid | % Moisture: 17.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024478.D
Dilution:	1.0			Initial Weight/Volume:	10.4183 g
Date Analyzed:	03/14/2011 1402			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		17	230
Phenanthrene		ND		5.8	23
Anthracene		ND		5.8	23
Di-n-butyl phthalate		ND		58	230
Fluoranthene		ND		5.8	23
Pyrene		ND		5.8	23
Butyl benzyl phthalate		ND		58	120
3,3'-Dichlorobenzidine		ND		35	230
Benzo[a]anthracene		ND		5.8	29
Chrysene		ND		5.8	29
Bis(2-ethylhexyl) phthalate		ND		58	1700
Di-n-octyl phthalate		ND		5.8	230
Benzo[a]pyrene		ND		5.8	35
Indeno[1,2,3-cd]pyrene		ND		5.8	47
Dibenz(a,h)anthracene		ND		5.8	47
Benzo[g,h,i]perylene		ND		5.8	29
Carbazole		ND		5.8	170
1-Methylnaphthalene		ND		5.8	35
Benzo[b]fluoranthene		ND		5.8	23
Benzo[k]fluoranthene		ND		5.8	29
2,2'-oxybis[1-chloropropane]		ND		17	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	101		36 - 145
Phenol-d5	95		38 - 149
Nitrobenzene-d5	102		38 - 141
2-Fluorobiphenyl	93		42 - 140
2,4,6-Tribromophenol	93		28 - 143
Terphenyl-d14	85		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(3-4)**

Lab Sample ID: 580-24938-31 | Date Sampled: 03/11/2011 1215
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024479.D
Dilution:	1.0			Initial Weight/Volume:	10.1598 g
Date Analyzed:	03/14/2011 1423			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	120
Bis(2-chloroethyl)ether		ND		19	120
2-Chlorophenol		ND		19	120
1,3-Dichlorobenzene		ND		19	62
1,4-Dichlorobenzene		ND		19	62
Benzyl alcohol		ND		19	120
1,2-Dichlorobenzene		ND		19	62
2-Methylphenol		ND		19	120
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	120
Hexachloroethane		ND		19	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.2	120
2-Nitrophenol		ND		19	120
2,4-Dimethylphenol		ND		19	120
Benzoic acid		ND		930	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		19	120
1,2,4-Trichlorobenzene		ND		19	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		19	120
Hexachlorobutadiene		ND		19	62
4-Chloro-3-methylphenol		ND		19	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		19	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		19	120
3-Nitroaniline		ND		19	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND		19	120
Diethyl phthalate		ND		19	120
4-Chlorophenyl phenyl ether		ND		19	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		19	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.2	62
4-Bromophenyl phenyl ether		ND		19	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(3-4)**

Lab Sample ID: 580-24938-31 | Date Sampled: 03/11/2011 1215
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024479.D
Dilution:	1.0			Initial Weight/Volume:	10.1598 g
Date Analyzed:	03/14/2011 1423			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		ND		6.2	25
Pyrene		ND		6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND		37	250
Benzo[a]anthracene		ND		6.2	31
Chrysene		ND		6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1900
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		ND		6.2	37
Indeno[1,2,3-cd]pyrene		ND		6.2	50
Dibenz(a,h)anthracene		ND		6.2	50
Benzo[g,h,i]perylene		ND		6.2	31
Carbazole		ND		6.2	190
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		ND		6.2	25
Benzo[k]fluoranthene		ND		6.2	31
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	108		36 - 145
Phenol-d5	111		38 - 149
Nitrobenzene-d5	107		38 - 141
2-Fluorobiphenyl	103		42 - 140
2,4,6-Tribromophenol	88		28 - 143
Terphenyl-d14	87		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(0-1)**

Lab Sample ID: 580-24938-32 | Date Sampled: 03/11/2011 1226
Client Matrix: Solid | % Moisture: 19.3 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024480.D
Dilution:	1.0			Initial Weight/Volume:	10.1538 g
Date Analyzed:	03/14/2011 1444			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		18	120
Bis(2-chloroethyl)ether		ND		18	120
2-Chlorophenol		ND		18	120
1,3-Dichlorobenzene		ND		18	61
1,4-Dichlorobenzene		ND		18	61
Benzyl alcohol		ND		18	120
1,2-Dichlorobenzene		ND		18	61
2-Methylphenol		ND		18	120
3 & 4 Methylphenol		ND		18	240
N-Nitrosodi-n-propylamine		ND		18	120
Hexachloroethane		ND		18	120
Nitrobenzene		ND		41	120
Isophorone		ND	*	6.1	120
2-Nitrophenol		ND		18	120
2,4-Dimethylphenol		ND		18	120
Benzoic acid		ND		920	3100
Bis(2-chloroethoxy)methane		ND		6.1	120
2,4-Dichlorophenol		ND		18	120
1,2,4-Trichlorobenzene		ND		18	61
Naphthalene		ND		6.1	24
4-Chloroaniline		ND		18	120
Hexachlorobutadiene		ND		18	61
4-Chloro-3-methylphenol		ND		18	120
2-Methylnaphthalene		ND		6.1	24
Hexachlorocyclopentadiene		ND		6.1	120
2,4,6-Trichlorophenol		ND		18	180
2,4,5-Trichlorophenol		ND		18	120
2-Chloronaphthalene		ND		6.1	24
2-Nitroaniline		ND		18	120
Dimethyl phthalate		ND		6.1	120
Acenaphthylene		ND		6.1	24
2,6-Dinitrotoluene		ND		18	120
3-Nitroaniline		ND		18	120
Acenaphthene		ND		6.1	24
2,4-Dinitrophenol		ND		240	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.1	120
2,4-Dinitrotoluene		ND		18	120
Diethyl phthalate		ND		18	120
4-Chlorophenyl phenyl ether		ND		18	120
Fluorene		ND		6.1	24
4-Nitroaniline		ND		18	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.1	61
4-Bromophenyl phenyl ether		ND		18	120
Hexachlorobenzene		ND		6.1	61

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(0-1)**

Lab Sample ID: 580-24938-32 | Date Sampled: 03/11/2011 1226
Client Matrix: Solid | % Moisture: 19.3 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024480.D
Dilution:	1.0			Initial Weight/Volume:	10.1538 g
Date Analyzed:	03/14/2011 1444			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		18	240
Phenanthrene		ND		6.1	24
Anthracene		ND		6.1	24
Di-n-butyl phthalate		ND		61	240
Fluoranthene		ND		6.1	24
Pyrene		ND		6.1	24
Butyl benzyl phthalate		ND		61	120
3,3'-Dichlorobenzidine		ND		37	240
Benzo[a]anthracene		ND		6.1	31
Chrysene		ND		6.1	31
Bis(2-ethylhexyl) phthalate		ND		61	1800
Di-n-octyl phthalate		ND		6.1	240
Benzo[a]pyrene		ND		6.1	37
Indeno[1,2,3-cd]pyrene		ND		6.1	49
Dibenz(a,h)anthracene		ND		6.1	49
Benzo[g,h,i]perylene		ND		6.1	31
Carbazole		ND		6.1	180
1-Methylnaphthalene		ND		6.1	37
Benzo[b]fluoranthene		ND		6.1	24
Benzo[k]fluoranthene		ND		6.1	31
2,2'-oxybis[1-chloropropane]		ND		18	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	94		36 - 145
Phenol-d5	92		38 - 149
Nitrobenzene-d5	96		38 - 141
2-Fluorobiphenyl	88		42 - 140
2,4,6-Tribromophenol	80		28 - 143
Terphenyl-d14	80		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(4-5)**

Lab Sample ID: 580-24938-33 | Date Sampled: 03/11/2011 1230
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024481.D
Dilution:	1.0			Initial Weight/Volume:	10.2693 g
Date Analyzed:	03/14/2011 1505			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	130
Bis(2-chloroethyl)ether		ND		19	130
2-Chlorophenol		ND		19	130
1,3-Dichlorobenzene		ND		19	63
1,4-Dichlorobenzene		ND		19	63
Benzyl alcohol		ND		19	130
1,2-Dichlorobenzene		ND		19	63
2-Methylphenol		ND		19	130
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	130
Hexachloroethane		ND		19	130
Nitrobenzene		ND		43	130
Isophorone		ND	*	6.3	130
2-Nitrophenol		ND		19	130
2,4-Dimethylphenol		ND		19	130
Benzoic acid		ND		950	3200
Bis(2-chloroethoxy)methane		ND		6.3	130
2,4-Dichlorophenol		ND		19	130
1,2,4-Trichlorobenzene		ND		19	63
Naphthalene		ND		6.3	25
4-Chloroaniline		ND		19	130
Hexachlorobutadiene		ND		19	63
4-Chloro-3-methylphenol		ND		19	130
2-Methylnaphthalene		ND		6.3	25
Hexachlorocyclopentadiene		ND		6.3	130
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	130
2-Chloronaphthalene		ND		6.3	25
2-Nitroaniline		ND		19	130
Dimethyl phthalate		ND		6.3	130
Acenaphthylene		ND		6.3	25
2,6-Dinitrotoluene		ND		19	130
3-Nitroaniline		ND		19	130
Acenaphthene		ND		6.3	25
2,4-Dinitrophenol		ND		250	1300
4-Nitrophenol		ND		320	1300
Dibenzofuran		ND		6.3	130
2,4-Dinitrotoluene		ND		19	130
Diethyl phthalate		ND		19	130
4-Chlorophenyl phenyl ether		ND		19	130
Fluorene		ND		6.3	25
4-Nitroaniline		ND		19	130
4,6-Dinitro-2-methylphenol		ND		130	1300
N-Nitrosodiphenylamine		ND		6.3	63
4-Bromophenyl phenyl ether		ND		19	130
Hexachlorobenzene		ND		6.3	63

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(4-5)**

Lab Sample ID: 580-24938-33 | Date Sampled: 03/11/2011 1230
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024481.D
Dilution:	1.0			Initial Weight/Volume:	10.2693 g
Date Analyzed:	03/14/2011 1505			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.3	25
Anthracene		ND		6.3	25
Di-n-butyl phthalate		ND		63	250
Fluoranthene		ND		6.3	25
Pyrene		ND		6.3	25
Butyl benzyl phthalate		ND		63	130
3,3'-Dichlorobenzidine		ND		38	250
Benzo[a]anthracene		ND		6.3	32
Chrysene		ND		6.3	32
Bis(2-ethylhexyl) phthalate		ND		63	1900
Di-n-octyl phthalate		ND		6.3	250
Benzo[a]pyrene		ND		6.3	38
Indeno[1,2,3-cd]pyrene		ND		6.3	51
Dibenz(a,h)anthracene		ND		6.3	51
Benzo[g,h,i]perylene		ND		6.3	32
Carbazole		ND		6.3	190
1-Methylnaphthalene		ND		6.3	38
Benzo[b]fluoranthene		ND		6.3	25
Benzo[k]fluoranthene		ND		6.3	32
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	97		36 - 145
Phenol-d5	94		38 - 149
Nitrobenzene-d5	97		38 - 141
2-Fluorobiphenyl	87		42 - 140
2,4,6-Tribromophenol	77		28 - 143
Terphenyl-d14	78		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(0-1)**

Lab Sample ID: 580-24938-34 | Date Sampled: 03/11/2011 1410
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024482.D
Dilution:	1.0			Initial Weight/Volume:	10.3999 g
Date Analyzed:	03/14/2011 1527			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		16	100
Bis(2-chloroethyl)ether		ND		16	100
2-Chlorophenol		ND		16	100
1,3-Dichlorobenzene		ND		16	52
1,4-Dichlorobenzene		ND		16	52
Benzyl alcohol		ND		16	100
1,2-Dichlorobenzene		ND		16	52
2-Methylphenol		ND		16	100
3 & 4 Methylphenol		ND		16	210
N-Nitrosodi-n-propylamine		ND		16	100
Hexachloroethane		ND		16	100
Nitrobenzene		ND		36	100
Isophorone		ND	*	5.2	100
2-Nitrophenol		ND		16	100
2,4-Dimethylphenol		ND		16	100
Benzoic acid		ND		790	2600
Bis(2-chloroethoxy)methane		ND		5.2	100
2,4-Dichlorophenol		ND		16	100
1,2,4-Trichlorobenzene		ND		16	52
Naphthalene		ND		5.2	21
4-Chloroaniline		ND		16	100
Hexachlorobutadiene		ND		16	52
4-Chloro-3-methylphenol		ND		16	100
2-Methylnaphthalene		23		5.2	21
Hexachlorocyclopentadiene		ND		5.2	100
2,4,6-Trichlorophenol		ND		16	160
2,4,5-Trichlorophenol		ND		16	100
2-Chloronaphthalene		ND		5.2	21
2-Nitroaniline		ND		16	100
Dimethyl phthalate		ND		5.2	100
Acenaphthylene		ND		5.2	21
2,6-Dinitrotoluene		ND		16	100
3-Nitroaniline		ND		16	100
Acenaphthene		ND		5.2	21
2,4-Dinitrophenol		ND		210	1000
4-Nitrophenol		ND		260	1000
Dibenzofuran		ND		5.2	100
2,4-Dinitrotoluene		ND		16	100
Diethyl phthalate		ND		16	100
4-Chlorophenyl phenyl ether		ND		16	100
Fluorene		ND		5.2	21
4-Nitroaniline		ND		16	100
4,6-Dinitro-2-methylphenol		ND		100	1000
N-Nitrosodiphenylamine		ND		5.2	52
4-Bromophenyl phenyl ether		ND		16	100
Hexachlorobenzene		ND		5.2	52

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(0-1)**

Lab Sample ID: 580-24938-34 | Date Sampled: 03/11/2011 1410
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024482.D
Dilution:	1.0			Initial Weight/Volume:	10.3999 g
Date Analyzed:	03/14/2011 1527			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		16	210
Phenanthrene		7.7	J	5.2	21
Anthracene		ND		5.2	21
Di-n-butyl phthalate		ND		52	210
Fluoranthene		ND		5.2	21
Pyrene		ND		5.2	21
Butyl benzyl phthalate		ND		52	100
3,3'-Dichlorobenzidine		ND		31	210
Benzo[a]anthracene		ND		5.2	26
Chrysene		ND		5.2	26
Bis(2-ethylhexyl) phthalate		ND		52	1600
Di-n-octyl phthalate		ND		5.2	210
Benzo[a]pyrene		ND		5.2	31
Indeno[1,2,3-cd]pyrene		ND		5.2	42
Dibenz(a,h)anthracene		ND		5.2	42
Benzo[g,h,i]perylene		16	J	5.2	26
Carbazole		ND		5.2	160
1-Methylnaphthalene		14	J	5.2	31
Benzo[b]fluoranthene		ND		5.2	21
Benzo[k]fluoranthene		ND		5.2	26
2,2'-oxybis[1-chloropropane]		ND		16	160

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	109		36 - 145
Phenol-d5	106		38 - 149
Nitrobenzene-d5	101		38 - 141
2-Fluorobiphenyl	98		42 - 140
2,4,6-Tribromophenol	86		28 - 143
Terphenyl-d14	81		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(7-8)**

Lab Sample ID: 580-24938-35 | Date Sampled: 03/11/2011 1430
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024483.D
Dilution:	1.0			Initial Weight/Volume:	10.2688 g
Date Analyzed:	03/14/2011 1548			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		19	120
Bis(2-chloroethyl)ether		ND		19	120
2-Chlorophenol		ND		19	120
1,3-Dichlorobenzene		ND		19	62
1,4-Dichlorobenzene		ND		19	62
Benzyl alcohol		ND		19	120
1,2-Dichlorobenzene		ND		19	62
2-Methylphenol		ND		19	120
3 & 4 Methylphenol		ND		19	250
N-Nitrosodi-n-propylamine		ND		19	120
Hexachloroethane		ND		19	120
Nitrobenzene		ND		42	120
Isophorone		ND	*	6.2	120
2-Nitrophenol		ND		19	120
2,4-Dimethylphenol		ND		19	120
Benzoic acid		ND		940	3100
Bis(2-chloroethoxy)methane		ND		6.2	120
2,4-Dichlorophenol		ND		19	120
1,2,4-Trichlorobenzene		ND		19	62
Naphthalene		ND		6.2	25
4-Chloroaniline		ND		19	120
Hexachlorobutadiene		ND		19	62
4-Chloro-3-methylphenol		ND		19	120
2-Methylnaphthalene		ND		6.2	25
Hexachlorocyclopentadiene		ND		6.2	120
2,4,6-Trichlorophenol		ND		19	190
2,4,5-Trichlorophenol		ND		19	120
2-Chloronaphthalene		ND		6.2	25
2-Nitroaniline		ND		19	120
Dimethyl phthalate		ND		6.2	120
Acenaphthylene		ND		6.2	25
2,6-Dinitrotoluene		ND		19	120
3-Nitroaniline		ND		19	120
Acenaphthene		ND		6.2	25
2,4-Dinitrophenol		ND		250	1200
4-Nitrophenol		ND		310	1200
Dibenzofuran		ND		6.2	120
2,4-Dinitrotoluene		ND		19	120
Diethyl phthalate		ND		19	120
4-Chlorophenyl phenyl ether		ND		19	120
Fluorene		ND		6.2	25
4-Nitroaniline		ND		19	120
4,6-Dinitro-2-methylphenol		ND		120	1200
N-Nitrosodiphenylamine		ND		6.2	62
4-Bromophenyl phenyl ether		ND		19	120
Hexachlorobenzene		ND		6.2	62

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(7-8)**

Lab Sample ID: 580-24938-35 | Date Sampled: 03/11/2011 1430
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024483.D
Dilution:	1.0			Initial Weight/Volume:	10.2688 g
Date Analyzed:	03/14/2011 1548			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		19	250
Phenanthrene		ND		6.2	25
Anthracene		ND		6.2	25
Di-n-butyl phthalate		ND		62	250
Fluoranthene		ND		6.2	25
Pyrene		ND		6.2	25
Butyl benzyl phthalate		ND		62	120
3,3'-Dichlorobenzidine		ND		37	250
Benzo[a]anthracene		ND		6.2	31
Chrysene		ND		6.2	31
Bis(2-ethylhexyl) phthalate		ND		62	1900
Di-n-octyl phthalate		ND		6.2	250
Benzo[a]pyrene		ND		6.2	37
Indeno[1,2,3-cd]pyrene		ND		6.2	50
Dibenz(a,h)anthracene		ND		6.2	50
Benzo[g,h,i]perylene		ND		6.2	31
Carbazole		ND		6.2	190
1-Methylnaphthalene		ND		6.2	37
Benzo[b]fluoranthene		ND		6.2	25
Benzo[k]fluoranthene		ND		6.2	31
2,2'-oxybis[1-chloropropane]		ND		19	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	115		36 - 145
Phenol-d5	107		38 - 149
Nitrobenzene-d5	117		38 - 141
2-Fluorobiphenyl	106		42 - 140
2,4,6-Tribromophenol	94		28 - 143
Terphenyl-d14	94		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(0-1)**

Lab Sample ID: 580-24938-36 | Date Sampled: 03/11/2011 1730
Client Matrix: Solid | % Moisture: 2.9 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024484.D
Dilution:	1.0			Initial Weight/Volume:	10.0367 g
Date Analyzed:	03/14/2011 1609			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		15	100
Bis(2-chloroethyl)ether		ND		15	100
2-Chlorophenol		ND		15	100
1,3-Dichlorobenzene		ND		15	51
1,4-Dichlorobenzene		ND		15	51
Benzyl alcohol		ND		15	100
1,2-Dichlorobenzene		ND		15	51
2-Methylphenol		ND		15	100
3 & 4 Methylphenol		ND		15	210
N-Nitrosodi-n-propylamine		ND		15	100
Hexachloroethane		ND		15	100
Nitrobenzene		ND		35	100
Isophorone		ND	*	5.1	100
2-Nitrophenol		ND		15	100
2,4-Dimethylphenol		ND		15	100
Benzoic acid		ND		770	2600
Bis(2-chloroethoxy)methane		ND		5.1	100
2,4-Dichlorophenol		ND		15	100
1,2,4-Trichlorobenzene		ND		15	51
Naphthalene		ND		5.1	21
4-Chloroaniline		ND		15	100
Hexachlorobutadiene		ND		15	51
4-Chloro-3-methylphenol		ND		15	100
2-Methylnaphthalene		ND		5.1	21
Hexachlorocyclopentadiene		ND		5.1	100
2,4,6-Trichlorophenol		ND		15	150
2,4,5-Trichlorophenol		ND		15	100
2-Chloronaphthalene		ND		5.1	21
2-Nitroaniline		ND		15	100
Dimethyl phthalate		ND		5.1	100
Acenaphthylene		ND		5.1	21
2,6-Dinitrotoluene		ND		15	100
3-Nitroaniline		ND		15	100
Acenaphthene		ND		5.1	21
2,4-Dinitrophenol		ND		210	1000
4-Nitrophenol		ND		260	1000
Dibenzofuran		ND		5.1	100
2,4-Dinitrotoluene		ND		15	100
Diethyl phthalate		ND		15	100
4-Chlorophenyl phenyl ether		ND		15	100
Fluorene		ND		5.1	21
4-Nitroaniline		ND		15	100
4,6-Dinitro-2-methylphenol		ND		100	1000
N-Nitrosodiphenylamine		ND		5.1	51
4-Bromophenyl phenyl ether		ND		15	100
Hexachlorobenzene		ND		5.1	51

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(0-1)**

Lab Sample ID: 580-24938-36 | Date Sampled: 03/11/2011 1730
Client Matrix: Solid | % Moisture: 2.9 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024484.D
Dilution:	1.0			Initial Weight/Volume:	10.0367 g
Date Analyzed:	03/14/2011 1609			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		15	210
Phenanthrene		ND		5.1	21
Anthracene		ND		5.1	21
Di-n-butyl phthalate		ND		51	210
Fluoranthene		ND		5.1	21
Pyrene		ND		5.1	21
Butyl benzyl phthalate		ND		51	100
3,3'-Dichlorobenzidine		ND		31	210
Benzo[a]anthracene		ND		5.1	26
Chrysene		ND		5.1	26
Bis(2-ethylhexyl) phthalate		ND		51	1500
Di-n-octyl phthalate		ND		5.1	210
Benzo[a]pyrene		ND		5.1	31
Indeno[1,2,3-cd]pyrene		ND		5.1	41
Dibenz(a,h)anthracene		ND		5.1	41
Benzo[g,h,i]perylene		ND		5.1	26
Carbazole		ND		5.1	150
1-Methylnaphthalene		ND		5.1	31
Benzo[b]fluoranthene		ND		5.1	21
Benzo[k]fluoranthene		ND		5.1	26
2,2'-oxybis[1-chloropropane]		ND		15	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	98		36 - 145
Phenol-d5	92		38 - 149
Nitrobenzene-d5	96		38 - 141
2-Fluorobiphenyl	94		42 - 140
2,4,6-Tribromophenol	81		28 - 143
Terphenyl-d14	83		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(3-4)**

Lab Sample ID: 580-24938-37 | Date Sampled: 03/11/2011 1750
Client Matrix: Solid | % Moisture: 7.0 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024485.D
Dilution:	1.0			Initial Weight/Volume:	10.4827 g
Date Analyzed:	03/14/2011 1630			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		15	100
Bis(2-chloroethyl)ether		ND		15	100
2-Chlorophenol		ND		15	100
1,3-Dichlorobenzene		ND		15	51
1,4-Dichlorobenzene		ND		15	51
Benzyl alcohol		ND		15	100
1,2-Dichlorobenzene		ND		15	51
2-Methylphenol		ND		15	100
3 & 4 Methylphenol		ND		15	210
N-Nitrosodi-n-propylamine		ND		15	100
Hexachloroethane		ND		15	100
Nitrobenzene		ND		35	100
Isophorone		ND	*	5.1	100
2-Nitrophenol		ND		15	100
2,4-Dimethylphenol		ND		15	100
Benzoic acid		ND		770	2600
Bis(2-chloroethoxy)methane		ND		5.1	100
2,4-Dichlorophenol		ND		15	100
1,2,4-Trichlorobenzene		ND		15	51
Naphthalene		ND		5.1	21
4-Chloroaniline		ND		15	100
Hexachlorobutadiene		ND		15	51
4-Chloro-3-methylphenol		ND		15	100
2-Methylnaphthalene		ND		5.1	21
Hexachlorocyclopentadiene		ND		5.1	100
2,4,6-Trichlorophenol		ND		15	150
2,4,5-Trichlorophenol		ND		15	100
2-Chloronaphthalene		ND		5.1	21
2-Nitroaniline		ND		15	100
Dimethyl phthalate		ND		5.1	100
Acenaphthylene		ND		5.1	21
2,6-Dinitrotoluene		ND		15	100
3-Nitroaniline		ND		15	100
Acenaphthene		ND		5.1	21
2,4-Dinitrophenol		ND		210	1000
4-Nitrophenol		ND		260	1000
Dibenzofuran		ND		5.1	100
2,4-Dinitrotoluene		ND		15	100
Diethyl phthalate		ND		15	100
4-Chlorophenyl phenyl ether		ND		15	100
Fluorene		ND		5.1	21
4-Nitroaniline		ND		15	100
4,6-Dinitro-2-methylphenol		ND		100	1000
N-Nitrosodiphenylamine		ND		5.1	51
4-Bromophenyl phenyl ether		ND		15	100
Hexachlorobenzene		ND		5.1	51

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(3-4)**

Lab Sample ID: 580-24938-37 | Date Sampled: 03/11/2011 1750
Client Matrix: Solid | % Moisture: 7.0 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024485.D
Dilution:	1.0			Initial Weight/Volume:	10.4827 g
Date Analyzed:	03/14/2011 1630			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		15	210
Phenanthrene		ND		5.1	21
Anthracene		ND		5.1	21
Di-n-butyl phthalate		ND		51	210
Fluoranthene		ND		5.1	21
Pyrene		ND		5.1	21
Butyl benzyl phthalate		ND		51	100
3,3'-Dichlorobenzidine		ND		31	210
Benzo[a]anthracene		ND		5.1	26
Chrysene		ND		5.1	26
Bis(2-ethylhexyl) phthalate		ND		51	1500
Di-n-octyl phthalate		ND		5.1	210
Benzo[a]pyrene		ND		5.1	31
Indeno[1,2,3-cd]pyrene		ND		5.1	41
Dibenz(a,h)anthracene		ND		5.1	41
Benzo[g,h,i]perylene		ND		5.1	26
Carbazole		ND		5.1	150
1-Methylnaphthalene		ND		5.1	31
Benzo[b]fluoranthene		ND		5.1	21
Benzo[k]fluoranthene		ND		5.1	26
2,2'-oxybis[1-chloropropane]		ND		15	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	106		36 - 145
Phenol-d5	102		38 - 149
Nitrobenzene-d5	100		38 - 141
2-Fluorobiphenyl	96		42 - 140
2,4,6-Tribromophenol	78		28 - 143
Terphenyl-d14	79		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB12(0-1)**

Lab Sample ID: 580-24938-38 | Date Sampled: 03/11/2011 1755
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024486.D
Dilution:	1.0			Initial Weight/Volume:	10.1788 g
Date Analyzed:	03/14/2011 1651			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		16	110
Bis(2-chloroethyl)ether		ND		16	110
2-Chlorophenol		ND		16	110
1,3-Dichlorobenzene		ND		16	53
1,4-Dichlorobenzene		ND		16	53
Benzyl alcohol		ND		16	110
1,2-Dichlorobenzene		ND		16	53
2-Methylphenol		ND		16	110
3 & 4 Methylphenol		ND		16	210
N-Nitrosodi-n-propylamine		ND		16	110
Hexachloroethane		ND		16	110
Nitrobenzene		ND		36	110
Isophorone		ND	*	5.3	110
2-Nitrophenol		ND		16	110
2,4-Dimethylphenol		ND		16	110
Benzoic acid		ND		790	2600
Bis(2-chloroethoxy)methane		ND		5.3	110
2,4-Dichlorophenol		ND		16	110
1,2,4-Trichlorobenzene		ND		16	53
Naphthalene		ND		5.3	21
4-Chloroaniline		ND		16	110
Hexachlorobutadiene		ND		16	53
4-Chloro-3-methylphenol		ND		16	110
2-Methylnaphthalene		7.9	J	5.3	21
Hexachlorocyclopentadiene		ND		5.3	110
2,4,6-Trichlorophenol		ND		16	160
2,4,5-Trichlorophenol		ND		16	110
2-Chloronaphthalene		ND		5.3	21
2-Nitroaniline		ND		16	110
Dimethyl phthalate		ND		5.3	110
Acenaphthylene		ND		5.3	21
2,6-Dinitrotoluene		ND		16	110
3-Nitroaniline		ND		16	110
Acenaphthene		ND		5.3	21
2,4-Dinitrophenol		ND		210	1100
4-Nitrophenol		ND		260	1100
Dibenzofuran		ND		5.3	110
2,4-Dinitrotoluene		ND		16	110
Diethyl phthalate		ND		16	110
4-Chlorophenyl phenyl ether		ND		16	110
Fluorene		ND		5.3	21
4-Nitroaniline		ND		16	110
4,6-Dinitro-2-methylphenol		ND		110	1100
N-Nitrosodiphenylamine		ND		5.3	53
4-Bromophenyl phenyl ether		ND		16	110
Hexachlorobenzene		ND		5.3	53

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB12(0-1)**

Lab Sample ID: 580-24938-38 | Date Sampled: 03/11/2011 1755
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024486.D
Dilution:	1.0			Initial Weight/Volume:	10.1788 g
Date Analyzed:	03/14/2011 1651			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		16	210
Phenanthrene		ND		5.3	21
Anthracene		ND		5.3	21
Di-n-butyl phthalate		ND		53	210
Fluoranthene		6.1	J	5.3	21
Pyrene		ND		5.3	21
Butyl benzyl phthalate		ND		53	110
3,3'-Dichlorobenzidine		ND		32	210
Benzo[a]anthracene		ND		5.3	26
Chrysene		ND		5.3	26
Bis(2-ethylhexyl) phthalate		ND		53	1600
Di-n-octyl phthalate		ND		5.3	210
Benzo[a]pyrene		ND		5.3	32
Indeno[1,2,3-cd]pyrene		ND		5.3	42
Dibenz(a,h)anthracene		ND		5.3	42
Benzo[g,h,i]perylene		ND		5.3	26
Carbazole		ND		5.3	160
1-Methylnaphthalene		9.5	J	5.3	32
Benzo[b]fluoranthene		ND		5.3	21
Benzo[k]fluoranthene		ND		5.3	26
2,2'-oxybis[1-chloropropane]		ND		16	160

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	115		36 - 145
Phenol-d5	110		38 - 149
Nitrobenzene-d5	115		38 - 141
2-Fluorobiphenyl	106		42 - 140
2,4,6-Tribromophenol	101		28 - 143
Terphenyl-d14	91		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB10(0-1)**

Lab Sample ID: 580-24938-39 | Date Sampled: 03/11/2011 1817
Client Matrix: Solid | % Moisture: 3.0 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024487.D
Dilution:	1.0			Initial Weight/Volume:	10.1201 g
Date Analyzed:	03/14/2011 1712			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		ND		15	100
Bis(2-chloroethyl)ether		ND		15	100
2-Chlorophenol		ND		15	100
1,3-Dichlorobenzene		ND		15	51
1,4-Dichlorobenzene		ND		15	51
Benzyl alcohol		ND		15	100
1,2-Dichlorobenzene		ND		15	51
2-Methylphenol		ND		15	100
3 & 4 Methylphenol		ND		15	200
N-Nitrosodi-n-propylamine		ND		15	100
Hexachloroethane		ND		15	100
Nitrobenzene		ND		35	100
Isophorone		ND	*	5.1	100
2-Nitrophenol		ND		15	100
2,4-Dimethylphenol		ND		15	100
Benzoic acid		ND		760	2500
Bis(2-chloroethoxy)methane		ND		5.1	100
2,4-Dichlorophenol		ND		15	100
1,2,4-Trichlorobenzene		ND		15	51
Naphthalene		ND		5.1	20
4-Chloroaniline		ND		15	100
Hexachlorobutadiene		ND		15	51
4-Chloro-3-methylphenol		ND		15	100
2-Methylnaphthalene		ND		5.1	20
Hexachlorocyclopentadiene		ND		5.1	100
2,4,6-Trichlorophenol		ND		15	150
2,4,5-Trichlorophenol		ND		15	100
2-Chloronaphthalene		ND		5.1	20
2-Nitroaniline		ND		15	100
Dimethyl phthalate		ND		5.1	100
Acenaphthylene		ND		5.1	20
2,6-Dinitrotoluene		ND		15	100
3-Nitroaniline		ND		15	100
Acenaphthene		ND		5.1	20
2,4-Dinitrophenol		ND		200	1000
4-Nitrophenol		ND		250	1000
Dibenzofuran		ND		5.1	100
2,4-Dinitrotoluene		ND		15	100
Diethyl phthalate		ND		15	100
4-Chlorophenyl phenyl ether		ND		15	100
Fluorene		ND		5.1	20
4-Nitroaniline		ND		15	100
4,6-Dinitro-2-methylphenol		ND		100	1000
N-Nitrosodiphenylamine		ND		5.1	51
4-Bromophenyl phenyl ether		ND		15	100
Hexachlorobenzene		ND		5.1	51

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB10(0-1)**

Lab Sample ID: 580-24938-39 | Date Sampled: 03/11/2011 1817
Client Matrix: Solid | % Moisture: 3.0 | Date Received: 03/12/2011 0925

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82189		Instrument ID:	TAC040
Preparation:	3550B	Prep Batch: 580-82166		Lab File ID:	ak024487.D
Dilution:	1.0			Initial Weight/Volume:	10.1201 g
Date Analyzed:	03/14/2011 1712			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		ND		15	200
Phenanthrene		ND		5.1	20
Anthracene		ND		5.1	20
Di-n-butyl phthalate		ND		51	200
Fluoranthene		ND		5.1	20
Pyrene		ND		5.1	20
Butyl benzyl phthalate		ND		51	100
3,3'-Dichlorobenzidine		ND		31	200
Benzo[a]anthracene		ND		5.1	25
Chrysene		ND		5.1	25
Bis(2-ethylhexyl) phthalate		ND		51	1500
Di-n-octyl phthalate		ND		5.1	200
Benzo[a]pyrene		ND		5.1	31
Indeno[1,2,3-cd]pyrene		ND		5.1	41
Dibenz(a,h)anthracene		ND		5.1	41
Benzo[g,h,i]perylene		ND		5.1	25
Carbazole		ND		5.1	150
1-Methylnaphthalene		ND		5.1	31
Benzo[b]fluoranthene		ND		5.1	20
Benzo[k]fluoranthene		ND		5.1	25
2,2'-oxybis[1-chloropropane]		ND		15	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	93		36 - 145
Phenol-d5	53		38 - 149
Nitrobenzene-d5	94		38 - 141
2-Fluorobiphenyl	90		42 - 140
2,4,6-Tribromophenol	82		28 - 143
Terphenyl-d14	74		42 - 151

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(0-1)**

Lab Sample ID: 580-24938-1 | Date Sampled: 03/10/2011 1530
Client Matrix: Solid | % Moisture: 20.7 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.2798 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1737	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0098	0.012
PCB-1232		ND		0.0086	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	44	X I	45 - 155
DCB Decachlorobiphenyl	51	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(4-5)**

Lab Sample ID: 580-24938-2 | Date Sampled: 03/10/2011 1540
Client Matrix: Solid | % Moisture: 24.2 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.3681 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1819	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0041	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0089	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	38	X I	45 - 155
DCB Decachlorobiphenyl	41	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(0-1)**

Lab Sample ID: 580-24938-3 | Date Sampled: 03/10/2011 1604
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.5220 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1833	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.012
PCB-1221		ND		0.010	0.012
PCB-1232		ND		0.0087	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	20	X I	45 - 155
DCB Decachlorobiphenyl	25	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(4-5)**

Lab Sample ID: 580-24938-4 | Date Sampled: 03/10/2011 1615
Client Matrix: Solid | % Moisture: 32.0 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.2248 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1847	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0046	0.014
PCB-1221		ND		0.012	0.014
PCB-1232		ND		0.010	0.014
PCB-1242		ND		0.0030	0.014
PCB-1248		ND		0.0043	0.014
PCB-1254		ND		0.0030	0.014
PCB-1260		ND		0.0043	0.014

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	16	X I	45 - 155
DCB Decachlorobiphenyl	18	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(0-1)**

Lab Sample ID: 580-24938-5 | Date Sampled: 03/10/2011 1640
Client Matrix: Solid | % Moisture: 19.4 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.5956 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1902	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0037	0.012
PCB-1221		ND		0.0094	0.012
PCB-1232		ND		0.0082	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0035	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0035	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	38	X I	45 - 155
DCB Decachlorobiphenyl	29	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(4-5)**

Lab Sample ID: 580-24938-6 | Date Sampled: 03/10/2011 1650
Client Matrix: Solid | % Moisture: 22.5 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.0923 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1916	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0041	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0090	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	60		45 - 155
DCB Decachlorobiphenyl	51	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(0-1)**

Lab Sample ID: 580-24938-7 | Date Sampled: 03/10/2011 1710
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.1565 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/15/2011 1056			Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.012
PCB-1221		ND		0.0099	0.012
PCB-1232		ND		0.0087	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	43	I X	45 - 155
DCB Decachlorobiphenyl	36	I X	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(4-5)**

Lab Sample ID: 580-24938-8 | Date Sampled: 03/10/2011 1725
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.3859 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/15/2011 1110			Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0097	0.012
PCB-1232		ND		0.0085	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64		45 - 155
DCB Decachlorobiphenyl	47	I X	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)**

Lab Sample ID: 580-24938-10 | Date Sampled: 03/11/2011 1020
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.3717 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1958	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0088	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	52		45 - 155
DCB Decachlorobiphenyl	46	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)D**

Lab Sample ID: 580-24938-11 | Date Sampled: 03/11/2011 1021
Client Matrix: Solid | % Moisture: 29.7 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.5599 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2012	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0043	0.013
PCB-1221		ND		0.011	0.013
PCB-1232		ND		0.0094	0.013
PCB-1242		ND		0.0028	0.013
PCB-1248		ND		0.0040	0.013
PCB-1254		ND		0.0028	0.013
PCB-1260		ND		0.0040	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	41	X I	45 - 155
DCB Decachlorobiphenyl	46	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(0-1)**

Lab Sample ID: 580-24938-12 | Date Sampled: 03/11/2011 1045
Client Matrix: Solid | % Moisture: 24.9 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.3249 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2026	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0041	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0090	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0039	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0039	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	45		45 - 155
DCB Decachlorobiphenyl	22	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(0-1)**

Lab Sample ID: 580-24938-13 | Date Sampled: 03/11/2011 0737
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.5787 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2040	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0038	0.012
PCB-1221		ND		0.0095	0.012
PCB-1232		ND		0.0083	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	45		45 - 155
DCB Decachlorobiphenyl	40	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(4-5)**

Lab Sample ID: 580-24938-14 | Date Sampled: 03/11/2011 0745
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.1887 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2055	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0042	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0091	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0039	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0039	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	49		45 - 155
DCB Decachlorobiphenyl	41	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(0-1)**

Lab Sample ID: 580-24938-15 | Date Sampled: 03/11/2011 0830
Client Matrix: Solid | % Moisture: 19.1 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.7222 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2109	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0037	0.012
PCB-1221		ND		0.0092	0.012
PCB-1232		ND		0.0081	0.012
PCB-1242		ND		0.0024	0.012
PCB-1248		ND		0.0035	0.012
PCB-1254		ND		0.0024	0.012
PCB-1260		ND		0.0035	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	54		45 - 155
DCB Decachlorobiphenyl	53	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(2-3)**

Lab Sample ID: 580-24938-16 | Date Sampled: 03/11/2011 0835
Client Matrix: Solid | % Moisture: 25.4 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.2641 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2123	Run Type: RE		Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0042	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0091	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0039	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0039	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57		45 - 155
DCB Decachlorobiphenyl	47	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(0-1)**

Lab Sample ID: 580-24938-17 | Date Sampled: 03/11/2011 0845
Client Matrix: Solid | % Moisture: 26.5 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.7239 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2137	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0041	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0089	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	46		45 - 155
DCB Decachlorobiphenyl	47	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(3-4)**

Lab Sample ID: 580-24938-18 | Date Sampled: 03/11/2011 0900
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.6999 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2151	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0097	0.012
PCB-1232		ND		0.0085	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		45 - 155
DCB Decachlorobiphenyl	67		60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)**

Lab Sample ID: 580-24938-19 | Date Sampled: 03/11/2011 0920
Client Matrix: Solid | % Moisture: 22.9 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82198		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.6359 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2205	Run Type:	RE	Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0098	0.012
PCB-1232		ND		0.0085	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	37	X I	45 - 155
DCB Decachlorobiphenyl	36	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)D**

Lab Sample ID: 580-24938-20 | Date Sampled: 03/11/2011 0921
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82225		Initial Weight/Volume:	10.4458 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/15/2011 1125			Injection Volume:	1 uL
Date Prepared:	03/14/2011 1203			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0096	0.012
PCB-1232		ND		0.0084	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		0.029		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	60		45 - 155
DCB Decachlorobiphenyl	47	I X	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(3-4)**

Lab Sample ID: 580-24938-21 | Date Sampled: 03/11/2011 0930
Client Matrix: Solid | % Moisture: 31.4 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.2348 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2005			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0046	0.014
PCB-1221		ND		0.011	0.014
PCB-1232		ND		0.010	0.014
PCB-1242		ND		0.0030	0.014
PCB-1248		ND		0.0043	0.014
PCB-1254		ND		0.0030	0.014
PCB-1260		ND		0.0043	0.014

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	47		45 - 155
DCB Decachlorobiphenyl	56	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(0-1)**

Lab Sample ID: 580-24938-22 | Date Sampled: 03/11/2011 0945
Client Matrix: Solid | % Moisture: 20.6 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.4193 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2019			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0097	0.012
PCB-1232		ND		0.0085	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57		45 - 155
DCB Decachlorobiphenyl	58	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(3-4)**

Lab Sample ID: 580-24938-23 | Date Sampled: 03/11/2011 0950
Client Matrix: Solid | % Moisture: 24.3 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.3713 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2033			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0041	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0089	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64		45 - 155
DCB Decachlorobiphenyl	64		60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(0-1)**

Lab Sample ID: 580-24938-24 | Date Sampled: 03/11/2011 1015
Client Matrix: Solid | % Moisture: 22.6 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.1733 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2144			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0041	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0089	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	45		45 - 155
DCB Decachlorobiphenyl	46	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(3-4)**

Lab Sample ID: 580-24938-25 | Date Sampled: 03/11/2011 1055
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.4299 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2158			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0041	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0089	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	39	X I	45 - 155
DCB Decachlorobiphenyl	44	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(0-1)**

Lab Sample ID: 580-24938-26 | Date Sampled: 03/11/2011 1105
Client Matrix: Solid | % Moisture: 20.1 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.0369 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2212			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.012
PCB-1221		ND		0.010	0.012
PCB-1232		ND		0.0087	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		0.026		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57		45 - 155
DCB Decachlorobiphenyl	57	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(4-5)**

Lab Sample ID: 580-24938-27 | Date Sampled: 03/11/2011 1115
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.1983 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2226			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0098	0.012
PCB-1232		ND		0.0086	0.012
PCB-1242		ND		0.0026	0.012
PCB-1248		ND		0.0037	0.012
PCB-1254		ND		0.0026	0.012
PCB-1260		ND		0.0037	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	65		45 - 155
DCB Decachlorobiphenyl	45	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(0-1)**

Lab Sample ID: 580-24938-28 | Date Sampled: 03/11/2011 1130
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.2510 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2240			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0037	0.011
PCB-1221		ND		0.0092	0.011
PCB-1232		ND		0.0080	0.011
PCB-1242		ND		0.0024	0.011
PCB-1248		ND		0.0034	0.011
PCB-1254		ND		0.0024	0.011
PCB-1260		ND		0.0034	0.011

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		45 - 155
DCB Decachlorobiphenyl	50	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(3-4)**

Lab Sample ID: 580-24938-29 | Date Sampled: 03/11/2011 1140
Client Matrix: Solid | % Moisture: 17.6 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183	Instrument ID: TAC042
Preparation:	3550B	Prep Batch: 580-82167	Initial Weight/Volume: 10.1571 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/13/2011 2255		Injection Volume: 1 uL
Date Prepared:	03/12/2011 1232		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0038	0.012
PCB-1221		ND		0.0096	0.012
PCB-1232		ND		0.0084	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	66		45 - 155
DCB Decachlorobiphenyl	49	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(0-1)**

Lab Sample ID: 580-24938-30 | Date Sampled: 03/11/2011 1205
Client Matrix: Solid | % Moisture: 17.5 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.2370 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2309			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0038	0.012
PCB-1221		ND		0.0095	0.012
PCB-1232		ND		0.0083	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		45 - 155
DCB Decachlorobiphenyl	50	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(3-4)**

Lab Sample ID: 580-24938-31 | Date Sampled: 03/11/2011 1215
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.3927 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/13/2011 2323			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0097	0.012
PCB-1232		ND		0.0085	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	41	X I	45 - 155
DCB Decachlorobiphenyl	40	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(0-1)**

Lab Sample ID: 580-24938-32 | Date Sampled: 03/11/2011 1226
Client Matrix: Solid | % Moisture: 19.3 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.2248 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0006			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0039	0.012
PCB-1221		ND		0.0097	0.012
PCB-1232		ND		0.0085	0.012
PCB-1242		ND		0.0025	0.012
PCB-1248		ND		0.0036	0.012
PCB-1254		ND		0.0025	0.012
PCB-1260		ND		0.0036	0.012

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57		45 - 155
DCB Decachlorobiphenyl	47	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(4-5)**

Lab Sample ID: 580-24938-33 | Date Sampled: 03/11/2011 1230
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.0734 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0020			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0041	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0091	0.013
PCB-1242		ND		0.0027	0.013
PCB-1248		ND		0.0039	0.013
PCB-1254		ND		0.0027	0.013
PCB-1260		ND		0.0039	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	29	X I	45 - 155
DCB Decachlorobiphenyl	35	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(0-1)**

Lab Sample ID: 580-24938-34 | Date Sampled: 03/11/2011 1410
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.0755 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0034			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0035	0.011
PCB-1221		ND		0.0087	0.011
PCB-1232		ND		0.0076	0.011
PCB-1242		ND		0.0023	0.011
PCB-1248		ND		0.0032	0.011
PCB-1254		ND		0.0023	0.011
PCB-1260		ND		0.0032	0.011

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	81		45 - 155
DCB Decachlorobiphenyl	75		60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(7-8)**

Lab Sample ID: 580-24938-35 | Date Sampled: 03/11/2011 1430
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.2532 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0048			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0088	0.013
PCB-1242		ND		0.0026	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0026	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		45 - 155
DCB Decachlorobiphenyl	73		60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(0-1)**

Lab Sample ID: 580-24938-36 | Date Sampled: 03/11/2011 1730
Client Matrix: Solid | % Moisture: 2.9 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.2187 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0102			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0032	0.010
PCB-1221		ND		0.0081	0.010
PCB-1232		ND		0.0071	0.010
PCB-1242		ND		0.0021	0.010
PCB-1248		ND		0.0030	0.010
PCB-1254		ND		0.0021	0.010
PCB-1260		ND		0.0030	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	100		45 - 155
DCB Decachlorobiphenyl	93		60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(3-4)**

Lab Sample ID: 580-24938-37 | Date Sampled: 03/11/2011 1750
Client Matrix: Solid | % Moisture: 7.0 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183	Instrument ID: TAC042
Preparation:	3550B	Prep Batch: 580-82167	Initial Weight/Volume: 10.3902 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 0116		Injection Volume: 1 uL
Date Prepared:	03/12/2011 1232		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0033	0.010
PCB-1221		ND		0.0083	0.010
PCB-1232		ND		0.0072	0.010
PCB-1242		ND		0.0022	0.010
PCB-1248		ND		0.0031	0.010
PCB-1254		ND		0.0022	0.010
PCB-1260		ND		0.0031	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		45 - 155
DCB Decachlorobiphenyl	57	X I	60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB12(0-1)**

Lab Sample ID: 580-24938-38 | Date Sampled: 03/11/2011 1755
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183		Instrument ID:	TAC042
Preparation:	3550B	Prep Batch: 580-82167		Initial Weight/Volume:	10.1390 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 0130			Injection Volume:	1 uL
Date Prepared:	03/12/2011 1232			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0034	0.011
PCB-1221		ND		0.0085	0.011
PCB-1232		ND		0.0074	0.011
PCB-1242		ND		0.0022	0.011
PCB-1248		ND		0.0032	0.011
PCB-1254		ND		0.0022	0.011
PCB-1260		ND		0.0032	0.011

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		45 - 155
DCB Decachlorobiphenyl	82		60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB10(0-1)**

Lab Sample ID: 580-24938-39 | Date Sampled: 03/11/2011 1817

Client Matrix: Solid | % Moisture: 3.0 | Date Received: 03/12/2011 0925

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82183	Instrument ID: TAC042
Preparation:	3550B	Prep Batch: 580-82167	Initial Weight/Volume: 10.0495 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 0144		Injection Volume: 1 uL
Date Prepared:	03/12/2011 1232		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0033	0.010
PCB-1221		ND		0.0082	0.010
PCB-1232		ND		0.0072	0.010
PCB-1242		ND		0.0022	0.010
PCB-1248		ND		0.0031	0.010
PCB-1254		ND		0.0022	0.010
PCB-1260		ND		0.0031	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	96		45 - 155
DCB Decachlorobiphenyl	90		60 - 125

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(0-1)**

Lab Sample ID: 580-24938-1 | Date Sampled: 03/10/2011 1530
Client Matrix: Solid | % Moisture: 20.7 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2952 g
Date Analyzed:	03/14/2011 0941			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		5.2		0.36	0.49
Antimony		0.074	J B	0.0078	0.19
Barium		150		0.012	0.19
Beryllium		0.39		0.021	0.19
Cadmium		0.11	J	0.0078	0.19
Chromium		10		0.070	0.19
Copper		20		0.095	0.19
Lead		13		0.0078	0.19
Molybdenum		0.37	J	0.018	0.39
Nickel		9.4		0.018	0.19
Selenium		ND		0.58	0.68
Silver		0.12	J	0.0068	0.19
Tin		0.49	B	0.012	0.49
Zinc		43		0.20	0.68

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6173 g
Date Analyzed:	03/14/2011 1005			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.014	J	0.0064	0.020

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB08(4-5)**

Lab Sample ID: 580-24938-2 | Date Sampled: 03/10/2011 1540
Client Matrix: Solid | % Moisture: 24.2 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1946 g
Date Analyzed:	03/14/2011 1210			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.0		0.41	0.55
Antimony		0.055	J B	0.0088	0.22
Barium		130		0.013	0.22
Beryllium		0.42		0.024	0.22
Cadmium		0.077	J	0.0088	0.22
Chromium		10		0.079	0.22
Copper		20		0.11	0.22
Lead		6.3		0.0088	0.22
Molybdenum		0.35	J	0.020	0.44
Nickel		10		0.020	0.22
Selenium		ND		0.66	0.77
Silver		0.14	J	0.0077	0.22
Tin		0.45	J B	0.013	0.55
Zinc		43		0.22	0.77

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8459 g
Date Analyzed:	03/14/2011 1015			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.011	J	0.0049	0.016

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(0-1)**

Lab Sample ID: 580-24938-3 | Date Sampled: 03/10/2011 1604
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.3381 g
Date Analyzed:	03/14/2011 1032			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.1		0.36	0.49
Antimony		0.066	J B	0.0079	0.20
Barium		110		0.012	0.20
Beryllium		0.32		0.022	0.20
Cadmium		0.094	J	0.0079	0.20
Chromium		10		0.071	0.20
Copper		19		0.096	0.20
Lead		12		0.0079	0.20
Molybdenum		0.28	J	0.018	0.39
Nickel		8.3		0.018	0.20
Selenium		ND		0.59	0.69
Silver		0.11	J	0.0069	0.20
Tin		0.47	J B	0.012	0.49
Zinc		45		0.20	0.69

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7171 g
Date Analyzed:	03/14/2011 1018			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.016	J	0.0058	0.018

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB14(4-5)**

Lab Sample ID: 580-24938-4 | Date Sampled: 03/10/2011 1615
Client Matrix: Solid | % Moisture: 32.0 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1445 g
Date Analyzed:	03/14/2011 1038			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.2		0.47	0.64
Antimony		0.065	J B	0.010	0.26
Barium		140		0.015	0.26
Beryllium		0.44		0.028	0.26
Cadmium		0.069	J	0.010	0.26
Chromium		11		0.093	0.26
Copper		19		0.13	0.26
Lead		4.0		0.010	0.26
Molybdenum		0.32	J	0.023	0.51
Nickel		8.5		0.023	0.26
Selenium		ND		0.77	0.90
Silver		0.13	J	0.0090	0.26
Tin		0.48	J B	0.015	0.64
Zinc		40		0.26	0.90

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7510 g
Date Analyzed:	03/14/2011 1025			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.011	J	0.0062	0.020

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(0-1)**

Lab Sample ID: 580-24938-5 | Date Sampled: 03/10/2011 1640
Client Matrix: Solid | % Moisture: 19.4 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1340 g
Date Analyzed:	03/14/2011 1043			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.0		0.40	0.55
Antimony		0.062	J B	0.0088	0.22
Barium		98		0.013	0.22
Beryllium		0.33		0.024	0.22
Cadmium		0.088	J	0.0088	0.22
Chromium		9.3		0.079	0.22
Copper		19		0.11	0.22
Lead		9.5		0.0088	0.22
Molybdenum		0.34	J	0.020	0.44
Nickel		8.2		0.020	0.22
Selenium		ND		0.66	0.77
Silver		0.11	J	0.0077	0.22
Tin		0.52	J B	0.013	0.55
Zinc		42		0.22	0.77

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6058 g
Date Analyzed:	03/14/2011 1028			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.023		0.0064	0.020

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB06(4-5)**

Lab Sample ID: 580-24938-6 | Date Sampled: 03/10/2011 1650
Client Matrix: Solid | % Moisture: 22.5 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1738 g
Date Analyzed:	03/14/2011 1048			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.5		0.40	0.55
Antimony		0.073	J B	0.0088	0.22
Barium		150		0.013	0.22
Beryllium		0.57		0.024	0.22
Cadmium		0.081	J	0.0088	0.22
Chromium		16		0.079	0.22
Copper		23		0.11	0.22
Lead		5.7		0.0088	0.22
Molybdenum		0.32	J	0.020	0.44
Nickel		11		0.020	0.22
Selenium		ND		0.66	0.77
Silver		0.15	J	0.0077	0.22
Tin		0.65	B	0.013	0.55
Zinc		55		0.22	0.77

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6590 g
Date Analyzed:	03/14/2011 1031			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.011	J	0.0062	0.020

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(0-1)**

Lab Sample ID: 580-24938-7 | Date Sampled: 03/10/2011 1710
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.3374 g
Date Analyzed:	03/14/2011 1053			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.7		0.35	0.47
Antimony		0.051	J B	0.0075	0.19
Barium		110		0.011	0.19
Beryllium		0.40		0.021	0.19
Cadmium		0.070	J	0.0075	0.19
Chromium		11		0.068	0.19
Copper		17		0.092	0.19
Lead		11		0.0075	0.19
Molybdenum		0.33	J	0.017	0.38
Nickel		8.0		0.017	0.19
Selenium		ND		0.56	0.66
Silver		0.13	J	0.0066	0.19
Tin		0.48	B	0.011	0.47
Zinc		45		0.19	0.66

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7986 g
Date Analyzed:	03/14/2011 1033			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0094	J	0.0050	0.016

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB15(4-5)**

Lab Sample ID: 580-24938-8 | Date Sampled: 03/10/2011 1725
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.5025 g
Date Analyzed:	03/14/2011 1058			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.8		0.31	0.42
Antimony		0.065	J B	0.0067	0.17
Barium		130		0.010	0.17
Beryllium		0.47		0.018	0.17
Cadmium		0.073	J	0.0067	0.17
Chromium		16		0.060	0.17
Copper		20		0.082	0.17
Lead		5.0		0.0067	0.17
Molybdenum		0.40		0.015	0.33
Nickel		12		0.015	0.17
Selenium		ND		0.50	0.59
Silver		0.14	J	0.0059	0.17
Tin		0.57	B	0.010	0.42
Zinc		48		0.17	0.59

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.9039 g
Date Analyzed:	03/14/2011 1036			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.013	J	0.0044	0.014

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)**

Lab Sample ID: 580-24938-10 | Date Sampled: 03/11/2011 1020
Client Matrix: Solid | % Moisture: 23.6 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method: 6020 | Analysis Batch: 580-82234 | Instrument ID: SEA026
Preparation: 3050B | Prep Batch: 580-82169 | Lab File ID: 82127-ICPMS.rep
Dilution: 10 | Initial Weight/Volume: 1.3181 g
Date Analyzed: 03/14/2011 1103 | Final Weight/Volume: 50 mL
Date Prepared: 03/12/2011 1312

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.0		0.37	0.50
Antimony		0.069	J B	0.0079	0.20
Barium		140		0.012	0.20
Beryllium		0.48		0.022	0.20
Cadmium		0.062	J	0.0079	0.20
Chromium		14		0.071	0.20
Copper		19		0.097	0.20
Lead		7.0		0.0079	0.20
Molybdenum		0.40		0.018	0.40
Nickel		10		0.018	0.20
Selenium		ND		0.60	0.70
Silver		0.15	J	0.0070	0.20
Tin		0.55	B	0.012	0.50
Zinc		47		0.20	0.70

7471A Mercury (CVAA)

Method: 7471A | Analysis Batch: 580-82235 | Instrument ID: TAC103
Preparation: 7471A | Prep Batch: 580-82172 | Lab File ID: 82132-HG.CSV
Dilution: 1.0 | Initial Weight/Volume: 0.6542 g
Date Analyzed: 03/14/2011 1038 | Final Weight/Volume: 50 mL
Date Prepared: 03/12/2011 1338

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.011	J	0.0063	0.020

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(4-5)D**

Lab Sample ID: 580-24938-11 | Date Sampled: 03/11/2011 1021
Client Matrix: Solid | % Moisture: 29.7 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1604 g
Date Analyzed:	03/14/2011 1108			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.0		0.45	0.61
Antimony		0.075	J B	0.0098	0.25
Barium		130		0.015	0.25
Beryllium		0.52		0.027	0.25
Cadmium		0.063	J	0.0098	0.25
Chromium		13		0.088	0.25
Copper		20		0.12	0.25
Lead		8.6		0.0098	0.25
Molybdenum		0.38	J	0.022	0.49
Nickel		9.8		0.022	0.25
Selenium		ND		0.74	0.86
Silver		0.17	J	0.0086	0.25
Tin		0.61	B	0.015	0.61
Zinc		44		0.25	0.86

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8011 g
Date Analyzed:	03/14/2011 1041			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.013	J	0.0056	0.018

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(0-1)**

Lab Sample ID: 580-24938-12 | Date Sampled: 03/11/2011 1045
Client Matrix: Solid | % Moisture: 24.9 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2367 g
Date Analyzed:	03/14/2011 1113			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.1		0.40	0.54
Antimony		0.088	J B	0.0086	0.22
Barium		120		0.013	0.22
Beryllium		0.47		0.024	0.22
Cadmium		0.18	J	0.0086	0.22
Chromium		14		0.078	0.22
Copper		23		0.11	0.22
Lead		14		0.0086	0.22
Molybdenum		0.51		0.019	0.43
Nickel		11		0.019	0.22
Selenium		ND		0.65	0.75
Silver		0.17	J	0.0075	0.22
Tin		0.63	B	0.013	0.54
Zinc		60		0.22	0.75

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6947 g
Date Analyzed:	03/14/2011 1044			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024		0.0060	0.019

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(0-1)**

Lab Sample ID: 580-24938-13 | Date Sampled: 03/11/2011 0737
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1813 g
Date Analyzed:	03/14/2011 1118			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.0		0.39	0.53
Antimony		0.066	J B	0.0085	0.21
Barium		120		0.013	0.21
Beryllium		0.45		0.023	0.21
Cadmium		0.094	J	0.0085	0.21
Chromium		12		0.076	0.21
Copper		19		0.10	0.21
Lead		11		0.0085	0.21
Molybdenum		0.40	J	0.019	0.42
Nickel		8.5		0.019	0.21
Selenium		ND		0.64	0.74
Silver		0.14	J	0.0074	0.21
Tin		0.50	J B	0.013	0.53
Zinc		50		0.21	0.74

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6890 g
Date Analyzed:	03/14/2011 1046			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.018		0.0057	0.018

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-7(4-5)**

Lab Sample ID: 580-24938-14 | Date Sampled: 03/11/2011 0745
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.3012 g
Date Analyzed:	03/14/2011 1134			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.0		0.38	0.51
Antimony		0.077	J B	0.0082	0.20
Barium		150		0.012	0.20
Beryllium		0.53		0.022	0.20
Cadmium		0.060	J	0.0082	0.20
Chromium		17		0.073	0.20
Copper		22		0.10	0.20
Lead		5.8		0.0082	0.20
Molybdenum		0.62		0.018	0.41
Nickel		13		0.018	0.20
Selenium		ND		0.61	0.71
Silver		0.15	J	0.0071	0.20
Tin		0.63	B	0.012	0.51
Zinc		50		0.21	0.71

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7578 g
Date Analyzed:	03/14/2011 1049			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.014	J	0.0055	0.018

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(0-1)**

Lab Sample ID: 580-24938-15 | Date Sampled: 03/11/2011 0830
Client Matrix: Solid | % Moisture: 19.1 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0278 g
Date Analyzed:	03/14/2011 1139			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.4		0.44	0.60
Antimony		0.052	J B	0.0096	0.24
Barium		110		0.014	0.24
Beryllium		0.39		0.026	0.24
Cadmium		0.085	J	0.0096	0.24
Chromium		11		0.087	0.24
Copper		19		0.12	0.24
Lead		5.2		0.0096	0.24
Molybdenum		0.34	J	0.022	0.48
Nickel		8.2		0.022	0.24
Selenium		ND		0.72	0.84
Silver		0.15	J	0.0084	0.24
Tin		0.46	J B	0.014	0.60
Zinc		48		0.24	0.84

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8965 g
Date Analyzed:	03/14/2011 1057			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.011	J	0.0043	0.014

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-5(2-3)**

Lab Sample ID: 580-24938-16 | Date Sampled: 03/11/2011 0835
Client Matrix: Solid | % Moisture: 25.4 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0027 g
Date Analyzed:	03/14/2011 1144			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.7		0.49	0.67
Antimony		0.072	J B	0.011	0.27
Barium		160		0.016	0.27
Beryllium		0.56		0.029	0.27
Cadmium		0.077	J	0.011	0.27
Chromium		17		0.096	0.27
Copper		25		0.13	0.27
Lead		5.8		0.011	0.27
Molybdenum		0.38	J	0.024	0.53
Nickel		13		0.024	0.27
Selenium		ND		0.80	0.94
Silver		0.17	J	0.0094	0.27
Tin		0.66	J B	0.016	0.67
Zinc		53		0.27	0.94

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6347 g
Date Analyzed:	03/14/2011 1059			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.016	J	0.0067	0.021

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(0-1)**

Lab Sample ID: 580-24938-17 | Date Sampled: 03/11/2011 0845
Client Matrix: Solid | % Moisture: 26.5 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2984 g
Date Analyzed:	03/14/2011 1149			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.8		0.39	0.52
Antimony		0.057	J B	0.0084	0.21
Barium		130		0.013	0.21
Beryllium		0.40		0.023	0.21
Cadmium		0.071	J	0.0084	0.21
Chromium		11		0.075	0.21
Copper		21		0.10	0.21
Lead		4.2		0.0084	0.21
Molybdenum		0.29	J	0.019	0.42
Nickel		9.9		0.019	0.21
Selenium		ND		0.63	0.73
Silver		0.15	J	0.0073	0.21
Tin		0.49	J B	0.013	0.52
Zinc		39		0.21	0.73

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8960 g
Date Analyzed:	03/14/2011 1102			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.020		0.0048	0.015

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB16(3-4)**

Lab Sample ID: 580-24938-18 | Date Sampled: 03/11/2011 0900
Client Matrix: Solid | % Moisture: 22.7 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method: 6020 | Analysis Batch: 580-82234 | Instrument ID: SEA026
Preparation: 3050B | Prep Batch: 580-82169 | Lab File ID: 82127-ICPMS.rep
Dilution: 10 | Initial Weight/Volume: 1.3595 g
Date Analyzed: 03/14/2011 1154 | Final Weight/Volume: 50 mL
Date Prepared: 03/12/2011 1312

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.7		0.35	0.48
Antimony		0.056	J B	0.0076	0.19
Barium		160		0.011	0.19
Beryllium		0.59		0.021	0.19
Cadmium		0.073	J	0.0076	0.19
Chromium		17		0.068	0.19
Copper		23		0.093	0.19
Lead		5.4		0.0076	0.19
Molybdenum		0.34	J	0.017	0.38
Nickel		12		0.017	0.19
Selenium		ND		0.57	0.67
Silver		0.15	J	0.0067	0.19
Tin		0.63	B	0.011	0.48
Zinc		51		0.19	0.67

7471A Mercury (CVAA)

Method: 7471A | Analysis Batch: 580-82235 | Instrument ID: TAC103
Preparation: 7471A | Prep Batch: 580-82172 | Lab File ID: 82132-HG.CSV
Dilution: 1.0 | Initial Weight/Volume: 0.9260 g
Date Analyzed: 03/14/2011 1104 | Final Weight/Volume: 50 mL
Date Prepared: 03/12/2011 1338

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.015		0.0044	0.014

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)**

Lab Sample ID: 580-24938-19 | Date Sampled: 03/11/2011 0920
Client Matrix: Solid | % Moisture: 22.9 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.4379 g
Date Analyzed:	03/14/2011 1200			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.5		0.33	0.45
Antimony		0.060	J B	0.0072	0.18
Barium		120		0.011	0.18
Beryllium		0.40		0.020	0.18
Cadmium		0.088	J	0.0072	0.18
Chromium		11		0.065	0.18
Copper		19		0.088	0.18
Lead		7.4		0.0072	0.18
Molybdenum		0.39		0.016	0.36
Nickel		8.4		0.016	0.18
Selenium		ND		0.54	0.63
Silver		0.14	J	0.0063	0.18
Tin		0.47	B	0.011	0.45
Zinc		43		0.18	0.63

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6227 g
Date Analyzed:	03/14/2011 1107			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.011	J	0.0066	0.021

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(0-1)D**

Lab Sample ID: 580-24938-20 | Date Sampled: 03/11/2011 0921
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82234		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82169		Lab File ID:	82127-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.6163 g
Date Analyzed:	03/14/2011 1205			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.8		0.29	0.39
Antimony		0.071	J B	0.0062	0.16
Barium		120		0.0093	0.16
Beryllium		0.40		0.017	0.16
Cadmium		0.091	J	0.0062	0.16
Chromium		12		0.056	0.16
Copper		20		0.076	0.16
Lead		13		0.0062	0.16
Molybdenum		0.38		0.014	0.31
Nickel		8.5		0.014	0.16
Selenium		ND		0.47	0.54
Silver		0.12	J	0.0054	0.16
Tin		0.62	B	0.0093	0.39
Zinc		47		0.16	0.54

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82172		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7421 g
Date Analyzed:	03/14/2011 1110			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.013	J	0.0053	0.017

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB17(3-4)**

Lab Sample ID: 580-24938-21 | Date Sampled: 03/11/2011 0930
Client Matrix: Solid | % Moisture: 31.4 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1840 g
Date Analyzed:	03/14/2011 1236			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.2		0.45	0.62
Antimony		0.068	J	0.0099	0.25
Barium		110	B	0.015	0.25
Beryllium		0.45		0.027	0.25
Cadmium		0.053	J	0.0099	0.25
Chromium		12		0.089	0.25
Copper		21		0.12	0.25
Lead		4.7		0.0099	0.25
Molybdenum		0.35	J	0.022	0.49
Nickel		9.2		0.022	0.25
Selenium		ND		0.74	0.86
Silver		0.15	J	0.0086	0.25
Tin		0.59	J B	0.015	0.62
Zinc		41	B	0.25	0.86

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6783 g
Date Analyzed:	03/14/2011 1128			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.013	J	0.0068	0.022

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(0-1)**

Lab Sample ID: 580-24938-22 | Date Sampled: 03/11/2011 0945
Client Matrix: Solid | % Moisture: 20.6 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.4363 g
Date Analyzed:	03/14/2011 1509			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.3		0.32	0.44
Antimony		0.24		0.0070	0.18
Barium		120	B	0.011	0.18
Beryllium		0.39		0.019	0.18
Cadmium		0.65		0.0070	0.18
Chromium		24		0.063	0.18
Copper		43		0.086	0.18
Lead		81		0.0070	0.18
Molybdenum		2.2		0.016	0.35
Nickel		9.5		0.016	0.18
Selenium		ND		0.53	0.61
Silver		0.14	J	0.0061	0.18
Tin		0.65	B	0.011	0.44
Zinc		59	B	0.18	0.61

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.9031 g
Date Analyzed:	03/14/2011 1138			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.015		0.0044	0.014

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB18(3-4)**

Lab Sample ID: 580-24938-23 | Date Sampled: 03/11/2011 0950
Client Matrix: Solid | % Moisture: 24.3 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.4124 g
Date Analyzed:	03/14/2011 1332			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.2		0.34	0.47
Antimony		0.075	J	0.0075	0.19
Barium		160	B	0.011	0.19
Beryllium		0.54		0.021	0.19
Cadmium		0.069	J	0.0075	0.19
Chromium		17		0.067	0.19
Copper		22		0.092	0.19
Lead		5.2		0.0075	0.19
Molybdenum		0.44		0.017	0.37
Nickel		12		0.017	0.19
Selenium		ND		0.56	0.65
Silver		0.14	J	0.0065	0.19
Tin		0.62	B	0.011	0.47
Zinc		47	B	0.19	0.65

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6619 g
Date Analyzed:	03/14/2011 1141			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.018	J	0.0063	0.020

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-MW-6(0-1)**

Lab Sample ID: 580-24938-24 | Date Sampled: 03/11/2011 1015
Client Matrix: Solid | % Moisture: 22.6 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0708 g
Date Analyzed:	03/14/2011 1337			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		4.0		0.44	0.60
Antimony		0.94		0.0097	0.24
Barium		120	B	0.014	0.24
Beryllium		0.46		0.027	0.24
Cadmium		0.49		0.0097	0.24
Chromium		24		0.087	0.24
Copper		39		0.12	0.24
Lead		59		0.0097	0.24
Molybdenum		1.2		0.022	0.48
Nickel		15		0.022	0.24
Selenium		ND		0.72	0.85
Silver		0.25		0.0085	0.24
Tin		0.95	B	0.014	0.60
Zinc		81	B	0.24	0.85

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8738 g
Date Analyzed:	03/14/2011 1148			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.033		0.0047	0.015

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB07(3-4)**

Lab Sample ID: 580-24938-25 | Date Sampled: 03/11/2011 1055
Client Matrix: Solid | % Moisture: 24.7 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0992 g
Date Analyzed:	03/14/2011 1342			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.9		0.44	0.60
Antimony		0.071	J	0.0097	0.24
Barium		160	B	0.014	0.24
Beryllium		0.48		0.027	0.24
Cadmium		0.072	J	0.0097	0.24
Chromium		12		0.087	0.24
Copper		22		0.12	0.24
Lead		5.3		0.0097	0.24
Molybdenum		0.54		0.022	0.48
Nickel		11		0.022	0.24
Selenium		ND		0.72	0.85
Silver		0.17	J	0.0085	0.24
Tin		0.61	B	0.014	0.60
Zinc		43	B	0.24	0.85

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6085 g
Date Analyzed:	03/14/2011 1151			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.061		0.0069	0.022

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(0-1)**

Lab Sample ID: 580-24938-26 | Date Sampled: 03/11/2011 1105
Client Matrix: Solid | % Moisture: 20.1 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2329 g
Date Analyzed:	03/14/2011 1347			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.7		0.37	0.51
Antimony		0.084	J	0.0081	0.20
Barium		96	B	0.012	0.20
Beryllium		0.30		0.022	0.20
Cadmium		0.12	J	0.0081	0.20
Chromium		18		0.073	0.20
Copper		28		0.099	0.20
Lead		18		0.0081	0.20
Molybdenum		0.70		0.018	0.41
Nickel		13		0.018	0.20
Selenium		ND		0.61	0.71
Silver		0.14	J	0.0071	0.20
Tin		0.52	B	0.012	0.51
Zinc		42	B	0.20	0.71

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7706 g
Date Analyzed:	03/14/2011 1154			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.029		0.0051	0.016

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB01(4-5)**

Lab Sample ID: 580-24938-27 | Date Sampled: 03/11/2011 1115
Client Matrix: Solid | % Moisture: 20.2 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.3675 g
Date Analyzed:	03/14/2011 1352			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.6		0.34	0.46
Antimony		0.065	J	0.0073	0.18
Barium		150	B	0.011	0.18
Beryllium		0.48		0.020	0.18
Cadmium		0.085	J	0.0073	0.18
Chromium		11		0.066	0.18
Copper		19		0.090	0.18
Lead		7.2		0.0073	0.18
Molybdenum		0.47		0.016	0.37
Nickel		8.7		0.016	0.18
Selenium		ND		0.55	0.64
Silver		0.12	J	0.0064	0.18
Tin		0.53	B	0.011	0.46
Zinc		50	B	0.18	0.64

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.9219 g
Date Analyzed:	03/14/2011 1156			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.010	J	0.0043	0.014

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(0-1)**

Lab Sample ID: 580-24938-28 | Date Sampled: 03/11/2011 1130
Client Matrix: Solid | % Moisture: 14.9 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2487 g
Date Analyzed:	03/14/2011 1358			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.8		0.35	0.47
Antimony		0.076	J	0.0075	0.19
Barium		150	B	0.011	0.19
Beryllium		0.39		0.021	0.19
Cadmium		0.079	J	0.0075	0.19
Chromium		11		0.068	0.19
Copper		17		0.092	0.19
Lead		11		0.0075	0.19
Molybdenum		0.44		0.017	0.38
Nickel		8.7		0.017	0.19
Selenium		ND		0.56	0.66
Silver		0.13	J	0.0066	0.19
Tin		0.48	B	0.011	0.47
Zinc		47	B	0.19	0.66

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6804 g
Date Analyzed:	03/14/2011 1159			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.010	J	0.0054	0.017

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB02(3-4)**

Lab Sample ID: 580-24938-29 | Date Sampled: 03/11/2011 1140
Client Matrix: Solid | % Moisture: 17.6 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.5722 g
Date Analyzed:	03/14/2011 1403			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.1		0.28	0.39
Antimony		0.053	J	0.0062	0.15
Barium		130	B	0.0093	0.15
Beryllium		0.39		0.017	0.15
Cadmium		0.068	J	0.0062	0.15
Chromium		9.2		0.056	0.15
Copper		15		0.076	0.15
Lead		4.4		0.0062	0.15
Molybdenum		0.31		0.014	0.31
Nickel		7.8		0.014	0.15
Selenium		ND		0.46	0.54
Silver		0.11	J	0.0054	0.15
Tin		0.46	B	0.0093	0.39
Zinc		41	B	0.16	0.54

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6229 g
Date Analyzed:	03/14/2011 1201			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0070	J	0.0061	0.019

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(0-1)**

Lab Sample ID: 580-24938-30 | Date Sampled: 03/11/2011 1205
Client Matrix: Solid | % Moisture: 17.5 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1786 g
Date Analyzed:	03/14/2011 1408			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.8		0.38	0.51
Antimony		0.076	J	0.0082	0.21
Barium		130	B	0.012	0.21
Beryllium		0.42		0.023	0.21
Cadmium		0.085	J	0.0082	0.21
Chromium		11		0.074	0.21
Copper		21		0.10	0.21
Lead		10		0.0082	0.21
Molybdenum		0.45		0.019	0.41
Nickel		8.5		0.019	0.21
Selenium		ND		0.62	0.72
Silver		0.13	J	0.0072	0.21
Tin		0.51	B	0.012	0.51
Zinc		50	B	0.21	0.72

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8729 g
Date Analyzed:	03/14/2011 1204			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J	0.0044	0.014

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB03(3-4)**

Lab Sample ID: 580-24938-31 | Date Sampled: 03/11/2011 1215
Client Matrix: Solid | % Moisture: 20.5 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0487 g
Date Analyzed:	03/14/2011 1413			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		1.8		0.44	0.60
Antimony		0.068	J	0.0096	0.24
Barium		190	B	0.014	0.24
Beryllium		0.50		0.026	0.24
Cadmium		0.074	J	0.0096	0.24
Chromium		11		0.086	0.24
Copper		18		0.12	0.24
Lead		5.0		0.0096	0.24
Molybdenum		0.37	J	0.022	0.48
Nickel		9.2		0.022	0.24
Selenium		ND		0.72	0.84
Silver		0.17	J	0.0084	0.24
Tin		0.53	J B	0.014	0.60
Zinc		44	B	0.24	0.84

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7040 g
Date Analyzed:	03/14/2011 1207			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0096	J	0.0056	0.018

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(0-1)**

Lab Sample ID: 580-24938-32 | Date Sampled: 03/11/2011 1226
Client Matrix: Solid | % Moisture: 19.3 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.4909 g
Date Analyzed:	03/14/2011 1418			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.9		0.31	0.42
Antimony		0.45		0.0066	0.17
Barium		160	B	0.010	0.17
Beryllium		0.48		0.018	0.17
Cadmium		0.14	J	0.0066	0.17
Chromium		12		0.060	0.17
Copper		21		0.081	0.17
Lead		25		0.0066	0.17
Molybdenum		0.37		0.015	0.33
Nickel		8.8		0.015	0.17
Selenium		ND		0.50	0.58
Silver		0.15	J	0.0058	0.17
Tin		0.74	B	0.010	0.42
Zinc		82	B	0.17	0.58

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.9340 g
Date Analyzed:	03/14/2011 1209			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.020		0.0042	0.013

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB04(4-5)**

Lab Sample ID: 580-24938-33 | Date Sampled: 03/11/2011 1230
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0211 g
Date Analyzed:	03/14/2011 1433			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.3		0.47	0.64
Antimony		0.094	J	0.010	0.26
Barium		150	B	0.015	0.26
Beryllium		0.49		0.028	0.26
Cadmium		0.090	J	0.010	0.26
Chromium		12		0.092	0.26
Copper		25		0.13	0.26
Lead		7.4		0.010	0.26
Molybdenum		0.40	J	0.023	0.51
Nickel		10		0.023	0.26
Selenium		ND		0.77	0.89
Silver		0.14	J	0.0089	0.26
Tin		0.56	J B	0.015	0.64
Zinc		50	B	0.26	0.89

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8829 g
Date Analyzed:	03/14/2011 1212			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.013	J	0.0047	0.015

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(0-1)**

Lab Sample ID: 580-24938-34 | Date Sampled: 03/11/2011 1410
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0462 g
Date Analyzed:	03/14/2011 1438			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		4.3		0.38	0.52
Antimony		0.095	J	0.0083	0.21
Barium		63	B	0.013	0.21
Beryllium		0.25		0.023	0.21
Cadmium		0.084	J	0.0083	0.21
Chromium		11		0.075	0.21
Copper		19		0.10	0.21
Lead		19		0.0083	0.21
Molybdenum		0.66		0.019	0.42
Nickel		11		0.019	0.21
Selenium		ND		0.63	0.73
Silver		0.084	J	0.0073	0.21
Tin		0.50	J B	0.013	0.52
Zinc		42	B	0.21	0.73

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6911 g
Date Analyzed:	03/14/2011 1220			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.041		0.0050	0.016

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB13(7-8)**

Lab Sample ID: 580-24938-35 | Date Sampled: 03/11/2011 1430
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method: 6020 | Analysis Batch: 580-82270 | Instrument ID: SEA026
Preparation: 3050B | Prep Batch: 580-82170 | Lab File ID: 82170-ICPMS.rep
Dilution: 10 | Initial Weight/Volume: 1.0058 g
Date Analyzed: 03/14/2011 1443 | Final Weight/Volume: 50 mL
Date Prepared: 03/12/2011 1324

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		2.3		0.47	0.64
Antimony		0.11	J	0.010	0.25
Barium		130	B	0.015	0.25
Beryllium		0.67		0.028	0.25
Cadmium		0.080	J	0.010	0.25
Chromium		16		0.092	0.25
Copper		25		0.12	0.25
Lead		7.7		0.010	0.25
Molybdenum		0.34	J	0.023	0.51
Nickel		12		0.023	0.25
Selenium		ND		0.76	0.89
Silver		0.16	J	0.0089	0.25
Tin		0.67	B	0.015	0.64
Zinc		51	B	0.26	0.89

7471A Mercury (CVAA)

Method: 7471A | Analysis Batch: 580-82235 | Instrument ID: TAC103
Preparation: 7471A | Prep Batch: 580-82171 | Lab File ID: 82132-HG.CSV
Dilution: 1.0 | Initial Weight/Volume: 0.6244 g
Date Analyzed: 03/14/2011 1222 | Final Weight/Volume: 50 mL
Date Prepared: 03/12/2011 1334

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.013	J	0.0065	0.021

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(0-1)**

Lab Sample ID: 580-24938-36 | Date Sampled: 03/11/2011 1730
Client Matrix: Solid | % Moisture: 2.9 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.0009 g
Date Analyzed:	03/14/2011 1448			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		8.5		0.38	0.51
Antimony		0.092	J	0.0082	0.21
Barium		51	B	0.012	0.21
Beryllium		0.19	J	0.023	0.21
Cadmium		0.067	J	0.0082	0.21
Chromium		13		0.074	0.21
Copper		18		0.10	0.21
Lead		35		0.0082	0.21
Molybdenum		0.53		0.019	0.41
Nickel		17		0.019	0.21
Selenium		ND		0.62	0.72
Silver		0.076	J	0.0072	0.21
Tin		0.48	J B	0.012	0.51
Zinc		36	B	0.21	0.72

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7460 g
Date Analyzed:	03/14/2011 1225			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.021		0.0044	0.014

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB11(3-4)**

Lab Sample ID: 580-24938-37 | Date Sampled: 03/11/2011 1750
Client Matrix: Solid | % Moisture: 7.0 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.2221 g
Date Analyzed:	03/14/2011 1454			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		57		0.32	0.44
Antimony		0.23		0.0070	0.18
Barium		73	B	0.011	0.18
Beryllium		0.29		0.019	0.18
Cadmium		0.071	J	0.0070	0.18
Chromium		14		0.063	0.18
Copper		21		0.086	0.18
Lead		260		0.0070	0.18
Molybdenum		0.80		0.016	0.35
Nickel		16		0.016	0.18
Selenium		ND		0.53	0.62
Silver		0.20		0.0062	0.18
Tin		3.9	B	0.011	0.44
Zinc		58	B	0.18	0.62

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8888 g
Date Analyzed:	03/14/2011 1227			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.032		0.0038	0.012

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB12(0-1)**

Lab Sample ID: 580-24938-38 | Date Sampled: 03/11/2011 1755
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1277 g
Date Analyzed:	03/14/2011 1459			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		3.0		0.35	0.48
Antimony		0.074	J	0.0076	0.19
Barium		45	B	0.011	0.19
Beryllium		0.20		0.021	0.19
Cadmium		0.056	J	0.0076	0.19
Chromium		6.6		0.069	0.19
Copper		19		0.094	0.19
Lead		11		0.0076	0.19
Molybdenum		0.35	J	0.017	0.38
Nickel		7.3		0.017	0.19
Selenium		ND		0.57	0.67
Silver		0.084	J	0.0067	0.19
Tin		0.44	J B	0.011	0.48
Zinc		30	B	0.19	0.67

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.8157 g
Date Analyzed:	03/14/2011 1230			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.043		0.0042	0.013

Client: MWH Americas Inc | Job Number: 580-24938-1

Client Sample ID: **YK-SB10(0-1)**

Lab Sample ID: 580-24938-39 | Date Sampled: 03/11/2011 1817
Client Matrix: Solid | % Moisture: 3.0 | Date Received: 03/12/2011 0925

6020 Metals (ICP/MS)

Method:	6020	Analysis Batch: 580-82270		Instrument ID:	SEA026
Preparation:	3050B	Prep Batch: 580-82170		Lab File ID:	82170-ICPMS.rep
Dilution:	10			Initial Weight/Volume:	1.1572 g
Date Analyzed:	03/14/2011 1504			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		25		0.33	0.45
Antimony		0.13	J	0.0071	0.18
Barium		63	B	0.011	0.18
Beryllium		0.21		0.020	0.18
Cadmium		0.068	J	0.0071	0.18
Chromium		14		0.064	0.18
Copper		21		0.087	0.18
Lead		130		0.0071	0.18
Molybdenum		0.58		0.016	0.36
Nickel		18		0.016	0.18
Selenium		ND		0.53	0.62
Silver		0.076	J	0.0062	0.18
Tin		0.53	B	0.011	0.45
Zinc		43	B	0.18	0.62

7471A Mercury (CVAA)

Method:	7471A	Analysis Batch: 580-82235		Instrument ID:	TAC103
Preparation:	7471A	Prep Batch: 580-82171		Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6550 g
Date Analyzed:	03/14/2011 1233			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.027		0.0050	0.016

General Chemistry

Client Sample ID: **YK-SB08(0-1)**

Lab Sample ID: 580-24938-1 Date Sampled: 03/10/2011 1530

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB08(4-5)**

Lab Sample ID: 580-24938-2 Date Sampled: 03/10/2011 1540
Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB14(0-1)**

Lab Sample ID: 580-24938-3 Date Sampled: 03/10/2011 1604

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB14(4-5)**

Lab Sample ID: 580-24938-4 Date Sampled: 03/10/2011 1615
Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	68		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	32		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB06(0-1)**

Lab Sample ID: 580-24938-5 Date Sampled: 03/10/2011 1640

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB06(4-5)**

Lab Sample ID: 580-24938-6 Date Sampled: 03/10/2011 1650

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB15(0-1)**

Lab Sample ID: 580-24938-7 Date Sampled: 03/10/2011 1710

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB15(4-5)**

Lab Sample ID: 580-24938-8 Date Sampled: 03/10/2011 1725

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-6(4-5)**

Lab Sample ID: 580-24938-10 Date Sampled: 03/11/2011 1020

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-6(4-5)D**

Lab Sample ID: 580-24938-11 Date Sampled: 03/11/2011 1021

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	70		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	30		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB07(0-1)**

Lab Sample ID: 580-24938-12 Date Sampled: 03/11/2011 1045

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-7(0-1)**

Lab Sample ID: 580-24938-13 Date Sampled: 03/11/2011 0737

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-7(4-5)**

Lab Sample ID: 580-24938-14 Date Sampled: 03/11/2011 0745

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-5(0-1)**

Lab Sample ID: 580-24938-15 Date Sampled: 03/11/2011 0830

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-5(2-3)**

Lab Sample ID: 580-24938-16 Date Sampled: 03/11/2011 0835

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB16(0-1)**

Lab Sample ID: 580-24938-17 Date Sampled: 03/11/2011 0845

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	74		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	26		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB16(3-4)**

Lab Sample ID: 580-24938-18 Date Sampled: 03/11/2011 0900

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB17(0-1)**

Lab Sample ID: 580-24938-19 Date Sampled: 03/11/2011 0920

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB17(0-1)D**

Lab Sample ID: 580-24938-20 Date Sampled: 03/11/2011 0921

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82162	Date Analyzed: 03/12/2011 1213						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB17(3-4)**

Lab Sample ID: 580-24938-21 Date Sampled: 03/11/2011 0930

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	69		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	31		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB18(0-1)**

Lab Sample ID: 580-24938-22 Date Sampled: 03/11/2011 0945

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB18(3-4)**

Lab Sample ID: 580-24938-23 Date Sampled: 03/11/2011 0950

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-MW-6(0-1)**

Lab Sample ID: 580-24938-24 Date Sampled: 03/11/2011 1015

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB07(3-4)**

Lab Sample ID: 580-24938-25 Date Sampled: 03/11/2011 1055

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB01(0-1)**

Lab Sample ID: 580-24938-26 Date Sampled: 03/11/2011 1105

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB01(4-5)**

Lab Sample ID: 580-24938-27 Date Sampled: 03/11/2011 1115

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

Client: MWH Americas Inc

Job Number: 580-24938-1

General Chemistry

Client Sample ID: **YK-SB02(0-1)**

Lab Sample ID: 580-24938-28

Client Matrix: Solid

Date Sampled: 03/11/2011 1130

Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB02(3-4)**

Lab Sample ID: 580-24938-29 Date Sampled: 03/11/2011 1140

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB03(0-1)**

Lab Sample ID: 580-24938-30 Date Sampled: 03/11/2011 1205

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB03(3-4)**

Lab Sample ID: 580-24938-31 Date Sampled: 03/11/2011 1215

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB04(0-1)**

Lab Sample ID: 580-24938-32 Date Sampled: 03/11/2011 1226

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB04(4-5)**

Lab Sample ID: 580-24938-33 Date Sampled: 03/11/2011 1230

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB13(0-1)**

Lab Sample ID: 580-24938-34 Date Sampled: 03/11/2011 1410

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	92		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	8.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB13(7-8)**

Lab Sample ID: 580-24938-35 Date Sampled: 03/11/2011 1430

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB11(0-1)**

Lab Sample ID: 580-24938-36 Date Sampled: 03/11/2011 1730

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	97		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	2.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB11(3-4)**

Lab Sample ID: 580-24938-37 Date Sampled: 03/11/2011 1750

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	93		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	7.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB12(0-1)**

Lab Sample ID: 580-24938-38 Date Sampled: 03/11/2011 1755

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	93		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	7.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-SB10(0-1)**

Lab Sample ID: 580-24938-39 Date Sampled: 03/11/2011 1817

Client Matrix: Solid Date Received: 03/12/2011 0925

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	97		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N
Percent Moisture	3.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82168	Date Analyzed: 03/12/2011 1233						DryWt Corrected: N

Client: MWH Americas Inc

Job Number: 580-24938-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FB %Rec	TFT %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
MB 580-82175/1-A		100	110	90	107	95
MB 580-82176/1-A		102	105	92	119	102

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	75-125
TFT = Trifluorotoluene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: MWH Americas Inc

Job Number: 580-24938-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FB %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-24938-1	YK-SB08(0-1)	102	89	124	102
580-24938-2	YK-SB08(4-5)	105	89	123	106
580-24938-3	YK-SB14(0-1)	102	88	120	103
580-24938-4	YK-SB14(4-5)	105	89	125	108
580-24938-5	YK-SB06(0-1)	102	89	127X	106
580-24938-6	YK-SB06(4-5)	106	88	122	104
580-24938-7	YK-SB15(0-1)	103	89	123	104
580-24938-8	YK-SB15(4-5)	103	91	127X	105
580-24938-9	YK-Methanol Blank	103	89	117	100
580-24938-10	YK-MW-6(4-5)	104	90	124	107
580-24938-11	YK-MW-6(4-5)D	104	89	126X	107
580-24938-12	YK-SB07(0-1)	102	88	125	104
580-24938-13	YK-MW-7(0-1)	101	87	123	108
580-24938-14	YK-MW-7(4-5)	105	89	123	102
580-24938-15 RA	YK-MW-5(0-1) RA	101	88	115	101
580-24938-16 RA	YK-MW-5(2-3) RA	103	88	114	99
580-24938-17 RA	YK-SB16(0-1) RA	104	86	115	99
580-24938-18 RA	YK-SB16(3-4) RA	103	86	116	98
580-24938-19 RA	YK-SB17(0-1) RA	100	86	113	98
580-24938-20 RA	YK-SB17(0-1)D RA	102	86	118	101
580-24938-21	YK-SB17(3-4)	105	89	125	103
580-24938-22	YK-SB18(0-1)	106	90	123	102
580-24938-23	YK-SB18(3-4)	104	87	125	105
580-24938-24	YK-MW-6(0-1)	105	89	132X	106
580-24938-25	YK-SB07(3-4)	105	88	123	107
580-24938-26	YK-SB01(0-1)	104	89	131X	106
580-24938-27	YK-SB01(4-5)	105	89	131X	112
580-24938-28	YK-SB02(0-1)	103	87	126X	105
580-24938-29	YK-SB02(3-4)	102	88	126X	106

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: MWH Americas Inc

Job Number: 580-24938-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FB %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-24938-30	YK-SB03(0-1)	104	88	125	103
580-24938-31	YK-SB03(3-4)	101	87	125	104
580-24938-32	YK-SB04(0-1)	102	87	125	104
580-24938-33	YK-SB04(4-5)	104	89	126X	106
580-24938-34	YK-SB13(0-1)	104	87	123	104
580-24938-35	YK-SB13(7-8)	104	87	123	107
580-24938-36	YK-SB11(0-1)	102	87	124	101
580-24938-37	YK-SB11(3-4)	102	87	123	102
580-24938-38	YK-SB12(0-1)	102	88	124	101
580-24938-39	YK-SB10(0-1)	101	89	142X	115
580-24938-40	YK-Methanol Blank	99	89	120	104
MB 580-82175/1-A		103	91	115	98
MB 580-82176/1-A		104	93	119	107
LCS 580-82175/2-A		104	92	128X	101
LCS 580-82176/2-A		105	92	126X	104
580-24938-1 MS	YK-SB08(0-1) MS	105	91	134X	106
580-24938-21 MS	YK-SB17(3-4) MS	104	92	131X	104
580-24938-1 MSD	YK-SB08(0-1) MSD	104	91	125	106
580-24938-21 MSD	YK-SB17(3-4) MSD	105	90	130X	107

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: MWH Americas Inc

Job Number: 580-24938-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
580-24938-1	YK-SB08(0-1)	97	86	91	77	79	71
580-24938-2	YK-SB08(4-5)	113	98	93	72	81	68
580-24938-3	YK-SB14(0-1)	98	89	85	72	80	71
580-24938-4	YK-SB14(4-5)	98	84	91	59	77	65
580-24938-5	YK-SB06(0-1)	97	86	92	75	83	72
580-24938-6	YK-SB06(4-5)	108	87	94	76	72	66
580-24938-7	YK-SB15(0-1)	96	84	91	78	76	74
580-24938-8	YK-SB15(4-5)	102	87	93	82	79	78
580-24938-10	YK-MW-6(4-5)	102	88	91	81	81	81
580-24938-11	YK-MW-6(4-5)D	97	83	88	66	75	67
580-24938-12	YK-SB07(0-1)	99	78	92	81	84	78
580-24938-13	YK-MW-7(0-1)	103	81	92	67	80	73
580-24938-14	YK-MW-7(4-5)	101	90	91	70	76	73
580-24938-15	YK-MW-5(0-1)	105	92	96	80	89	77
580-24938-16	YK-MW-5(2-3)	118	101	101	89	85	85
580-24938-17	YK-SB16(0-1)	86	81	90	70	80	72
580-24938-18	YK-SB16(3-4)	101	90	92	81	77	80
580-24938-19	YK-SB17(0-1)	112	99	97	78	84	78
580-24938-20	YK-SB17(0-1)D	110	101	96	88	87	85
580-24938-21	YK-SB17(3-4)	143	143	152X	131	123	116
580-24938-22	YK-SB18(0-1)	126	121	130	114	111	95
580-24938-23	YK-SB18(3-4)	93	91	99	84	78	78
580-24938-24	YK-MW-6(0-1)	92	88	90	80	75	68
580-24938-25	YK-SB07(3-4)	92	91	92	85	76	73
580-24938-26	YK-SB01(0-1)	94	90	98	84	93	71
580-24938-27	YK-SB01(4-5)	86	88	86	77	76	71
580-24938-28	YK-SB02(0-1)	97	92	99	87	81	75
580-24938-29	YK-SB02(3-4)	100	98	106	90	77	80
580-24938-30	YK-SB03(0-1)	101	95	102	93	93	85

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	36-145
PHL = Phenol-d5	38-149
NBZ = Nitrobenzene-d5	38-141
FBP = 2-Fluorobiphenyl	42-140
TBP = 2,4,6-Tribromophenol	28-143
TPH = Terphenyl-d14	42-151

Client: MWH Americas Inc

Job Number: 580-24938-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
580-24938-31	YK-SB03(3-4)	108	111	107	103	88	87
580-24938-32	YK-SB04(0-1)	94	92	96	88	80	80
580-24938-33	YK-SB04(4-5)	97	94	97	87	77	78
580-24938-34	YK-SB13(0-1)	109	106	101	98	86	81
580-24938-35	YK-SB13(7-8)	115	107	117	106	94	94
580-24938-36	YK-SB11(0-1)	98	92	96	94	81	83
580-24938-37	YK-SB11(3-4)	106	102	100	96	78	79
580-24938-38	YK-SB12(0-1)	115	110	115	106	101	91
580-24938-39	YK-SB10(0-1)	93	53	94	90	82	74
MB 580-82163/1-A		94	81	92	83	71	74
MB 580-82166/1-A		90	89	87	86	68	72
LCS 580-82163/2-A		88	81	95	79	80	71
LCS 580-82166/2-A		85	86	84	81	79	69
LCSD 580-82163/3-A		94	91	100	84	88	79
LCSD 580-82166/3-A		94	95	90	91	91	75
580-24938-4 MS	YK-SB14(4-5) MS	94	86	99	76	88	51
580-24938-22 MS	YK-SB18(0-1) MS	113	114	112	103	102	77
580-24938-4 MSD	YK-SB14(4-5) MSD	98	86	93	60	82	28X
580-24938-22 MSD	YK-SB18(0-1) MSD	94	95	97	83	78	57

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	36-145
PHL = Phenol-d5	38-149
NBZ = Nitrobenzene-d5	38-141
FBP = 2-Fluorobiphenyl	42-140
TBP = 2,4,6-Tribromophenol	28-143
TPH = Terphenyl-d14	42-151

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
580-24938-1 RE	YK-SB08(0-1) RE	44X I	46	51X I	48X
580-24938-2 RE	YK-SB08(4-5) RE	38X I	39X	41X I	37X
580-24938-3 RE	YK-SB14(0-1) RE	20X I	21X	25X I	24X
580-24938-4 RE	YK-SB14(4-5) RE	16X I	17X	18X I	18X
580-24938-5 RE	YK-SB06(0-1) RE	38X I	40X	29X I	27X
580-24938-6 RE	YK-SB06(4-5) RE	60	64	51X I	46X
580-24938-7	YK-SB15(0-1)	40X	43I X	40X	36I X
580-24938-8	YK-SB15(4-5)	61	64	54X	47I X
580-24938-10 RE	YK-MW-6(4-5) RE	52	55	46X I	41X
580-24938-11 RE	YK-MW-6(4-5)D RE	41X I	43X	46X I	41X
580-24938-12 RE	YK-SB07(0-1) RE	45	48	22X I	21X
580-24938-13 RE	YK-MW-7(0-1) RE	45	49	40X I	37X
580-24938-14 RE	YK-MW-7(4-5) RE	49	52	41X I	37X
580-24938-15 RE	YK-MW-5(0-1) RE	54	57	53X I	47X
580-24938-16 RE	YK-MW-5(2-3) RE	57	61	47X I	43X
580-24938-17 RE	YK-SB16(0-1) RE	46	48	47X I	42X
580-24938-18 RE	YK-SB16(3-4) RE	71	75	67	58X
580-24938-19 RE	YK-SB17(0-1) RE	37X I	40X	36X I	34X
580-24938-20	YK-SB17(0-1)D	54	60	52X	47I X
580-24938-21	YK-SB17(3-4)	47	48	56X I	49X
580-24938-22	YK-SB18(0-1)	57	58	58X I	52X
580-24938-23	YK-SB18(3-4)	64	67	64	57X
580-24938-24	YK-MW-6(0-1)	45	45	46X I	41X
580-24938-25	YK-SB07(3-4)	39X I	40X	44X I	39X
580-24938-26	YK-SB01(0-1)	57	59	57X I	52X
580-24938-27	YK-SB01(4-5)	65	66	45X I	42X
580-24938-28	YK-SB02(0-1)	72	74	50X I	44X
580-24938-29	YK-SB02(3-4)	66	68	49X I	43X
580-24938-30	YK-SB03(0-1)	76	77	50X I	45X

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	45-155
DCB = DCB Decachlorobiphenyl	60-125

Client: MWH Americas Inc

Job Number: 580-24938-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
580-24938-31	YK-SB03(3-4)	41X I	40X	40X I	36X
580-24938-32	YK-SB04(0-1)	57	59	47X I	43X
580-24938-33	YK-SB04(4-5)	29X I	30X	35X I	32X
580-24938-34	YK-SB13(0-1)	81	83	75	69
580-24938-35	YK-SB13(7-8)	78	80	73	67
580-24938-36	YK-SB11(0-1)	100	102	93	84
580-24938-37	YK-SB11(3-4)	71	74	57X I	50X
580-24938-38	YK-SB12(0-1)	84	86	82	74
580-24938-39	YK-SB10(0-1)	96	97	90	75
MB 580-82167/1-A		100	104	108	93
MB 580-82225/1-A		94	98	100	87
LCS 580-82167/2-A		98	100	103	90
LCS 580-82225/2-A		91	97	99	85
LCSD 580-82167/3-A		76	77	82	72
580-24938-1 MS	YK-SB08(0-1) MS	68	73	68	61
580-24938-23 MS	YK-SB18(3-4) MS	76	79	78	70
580-24938-1 MSD	YK-SB08(0-1) MSD	67	73	63	56X
580-24938-23 MSD	YK-SB18(3-4) MSD	82	86	86	75

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	45-155
DCB = DCB Decachlorobiphenyl	60-125

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82175

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82175/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/12/2011 1833
Date Prepared: 03/12/2011 1704

Analysis Batch: 580-82178
Prep Batch: 580-82175
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134478.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		10	40
Chloromethane	ND		100	400
Vinyl chloride	ND		2.0	8.0
Bromomethane	ND		35	140
Chloroethane	ND		100	400
Trichlorofluoromethane	ND		10	40
1,1-Dichloroethene	ND		5.0	20
Methylene Chloride	ND		10	40
trans-1,2-Dichloroethene	ND		10	40
1,1-Dichloroethane	ND		10	40
2,2-Dichloropropane	ND		10	40
cis-1,2-Dichloroethene	ND		10	40
Chlorobromomethane	ND		12	40
Chloroform	ND		10	40
1,1,1-Trichloroethane	ND		10	40
Carbon tetrachloride	ND		5.0	20
1,1-Dichloropropene	ND		10	40
Benzene	ND		4.0	16
1,2-Dichloroethane	ND		10	40
Trichloroethene	ND		4.0	16
1,2-Dichloropropane	ND		3.9	12
Dibromomethane	ND		10	40
Dichlorobromomethane	ND		10	40
cis-1,3-Dichloropropene	ND		4.0	16
Toluene	ND		10	40
trans-1,3-Dichloropropene	ND		4.0	16
1,1,2-Trichloroethane	ND		3.0	12
Tetrachloroethene	7.01	J	5.0	20
1,3-Dichloropropane	ND		10	40
Chlorodibromomethane	ND		10	40
Ethylene Dibromide	ND		10	40
Chlorobenzene	16.7	J	10	40
Ethylbenzene	ND		10	40
1,1,1,2-Tetrachloroethane	ND		10	40
1,1,2,2-Tetrachloroethane	ND		3.3	10
m-Xylene & p-Xylene	ND		10	40
o-Xylene	ND		10	40
Styrene	ND		10	40
Bromoform	ND		11	40
Isopropylbenzene	ND		10	40
Bromobenzene	ND		10	40
N-Propylbenzene	ND		10	40
1,2,3-Trichloropropane	ND		12	40

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82175

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82175/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/12/2011 1833
Date Prepared: 03/12/2011 1704

Analysis Batch: 580-82178
Prep Batch: 580-82175
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134478.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
2-Chlorotoluene	ND		10	40
1,3,5-Trimethylbenzene	ND		10	40
4-Chlorotoluene	ND		13	40
tert-Butylbenzene	ND		10	40
1,2,4-Trimethylbenzene	ND		10	40
sec-Butylbenzene	ND		10	40
1,3-Dichlorobenzene	ND		10	40
4-Isopropyltoluene	ND		10	40
1,4-Dichlorobenzene	ND		10	40
n-Butylbenzene	ND		10	40
1,2-Dichlorobenzene	ND		10	40
1,2-Dibromo-3-Chloropropane	ND		66	200
1,2,4-Trichlorobenzene	ND		10	40
1,2,3-Trichlorobenzene	ND		10	40
Hexachlorobutadiene	28.7	J	10	40
Naphthalene	ND		10	40
Methyl tert-butyl ether	ND		10	40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	103	75 - 125
Toluene-d8 (Surr)	91	85 - 115
Ethylbenzene-d10	115	75 - 125
4-Bromofluorobenzene (Surr)	98	85 - 120

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82175

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82175/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2011 1332
Date Prepared: 03/12/2011 1704

Analysis Batch: 580-82301
Prep Batch: 580-82175
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134561.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		10	40
Chloromethane	ND		100	400
Vinyl chloride	ND		2.0	8.0
Bromomethane	ND		35	140
Chloroethane	ND		100	400
Trichlorofluoromethane	ND		10	40
1,1-Dichloroethene	ND		5.0	20
Methylene Chloride	ND		10	40
trans-1,2-Dichloroethene	ND		10	40
1,1-Dichloroethane	ND		10	40
2,2-Dichloropropane	ND		10	40
cis-1,2-Dichloroethene	ND		10	40
Chlorobromomethane	ND		12	40
Chloroform	17.5	J	10	40
1,1,1-Trichloroethane	ND		10	40
Carbon tetrachloride	ND		5.0	20
1,1-Dichloropropene	ND		10	40
Benzene	ND		4.0	16
1,2-Dichloroethane	ND		10	40
Trichloroethene	ND		4.0	16
1,2-Dichloropropane	ND		3.9	12
Dibromomethane	ND		10	40
Dichlorobromomethane	ND		10	40
cis-1,3-Dichloropropene	ND		4.0	16
Toluene	ND		10	40
trans-1,3-Dichloropropene	ND		4.0	16
1,1,2-Trichloroethane	ND		3.0	12
Tetrachloroethene	7.64	J	5.0	20
1,3-Dichloropropane	ND		10	40
Chlorodibromomethane	ND		10	40
Ethylene Dibromide	ND		10	40
Chlorobenzene	ND		10	40
Ethylbenzene	ND		10	40
1,1,1,2-Tetrachloroethane	ND		10	40
1,1,2,2-Tetrachloroethane	ND		3.3	10
m-Xylene & p-Xylene	ND		10	40
o-Xylene	ND		10	40
Styrene	ND		10	40
Bromoform	ND		11	40
Isopropylbenzene	ND		10	40
Bromobenzene	ND		10	40
N-Propylbenzene	ND		10	40
1,2,3-Trichloropropane	ND		12	40

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82175

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82175/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/15/2011 1332
Date Prepared: 03/12/2011 1704

Analysis Batch: 580-82301
Prep Batch: 580-82175
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134561.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
2-Chlorotoluene	ND		10	40
1,3,5-Trimethylbenzene	ND		10	40
4-Chlorotoluene	ND		13	40
tert-Butylbenzene	ND		10	40
1,2,4-Trimethylbenzene	ND		10	40
sec-Butylbenzene	ND		10	40
1,3-Dichlorobenzene	ND		10	40
4-Isopropyltoluene	ND		10	40
1,4-Dichlorobenzene	ND		10	40
n-Butylbenzene	ND		10	40
1,2-Dichlorobenzene	ND		10	40
1,2-Dibromo-3-Chloropropane	ND		66	200
1,2,4-Trichlorobenzene	ND		10	40
1,2,3-Trichlorobenzene	ND		10	40
Hexachlorobutadiene	28.3	J	10	40
Naphthalene	ND		10	40
Methyl tert-butyl ether	ND		10	40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	100	75 - 125
Toluene-d8 (Surr)	90	85 - 115
Ethylbenzene-d10	107	75 - 125
4-Bromofluorobenzene (Surr)	95	85 - 120
Trifluorotoluene (Surr)	110	75 - 125

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Control Sample - Batch: 580-82175

Method: 8260B
Preparation: 5035

Lab Sample ID:	LCS 580-82175/2-A	Analysis Batch:	580-82178	Instrument ID:	TAC043
Client Matrix:	Solid	Prep Batch:	580-82175	Lab File ID:	VB00134480.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10 g
Date Analyzed:	03/12/2011 1917			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethene	800	902	113	65 - 135	
Benzene	800	931	116	75 - 125	
Trichloroethene	800	912	114	75 - 125	
Toluene	800	910	114	70 - 125	
Chlorobenzene	800	1260	157	75 - 125	*

Surrogate	% Rec		Acceptance Limits
Fluorobenzene (Surr)	104		75 - 125
Toluene-d8 (Surr)	92		85 - 115
Ethylbenzene-d10	128	X	75 - 125
4-Bromofluorobenzene (Surr)	101		85 - 120

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82175

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	580-24938-1	Analysis Batch:	580-82178	Instrument ID:	TAC043
Client Matrix:	Solid	Prep Batch:	580-82175	Lab File ID:	VB00134484.D
Dilution:	1.0			Initial Weight/Volume:	17.03 g
Date Analyzed:	03/12/2011 2046			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

MSD Lab Sample ID:	580-24938-1	Analysis Batch:	580-82178	Instrument ID:	TAC043
Client Matrix:	Solid	Prep Batch:	580-82175	Lab File ID:	VB00134485.D
Dilution:	1.0			Initial Weight/Volume:	17.03 g
Date Analyzed:	03/12/2011 2108			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1704				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	86	74	65 - 135	14	30		
Benzene	91	80	75 - 125	14	30		
Trichloroethene	88	77	75 - 125	13	30		
Toluene	86	76	70 - 125	13	30		
Chlorobenzene	126	106	75 - 125	17	30	F ^	^

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	105		104	75 - 125
Toluene-d8 (Surr)	91		91	85 - 115
Ethylbenzene-d10	134	X	125	75 - 125
4-Bromofluorobenzene (Surr)	106		106	85 - 120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82175

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	580-24938-1	Units: ug/Kg		MSD Lab Sample ID:	580-24938-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/12/2011 2046			Date Analyzed:	03/12/2011 2108
Date Prepared:	03/12/2011 1704			Date Prepared:	03/12/2011 1704

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1-Dichloroethene	ND	599	599	513	444
Benzene	ND	599	599	548	479
Trichloroethene	ND	599	599	530	464
Toluene	ND	599	599	517	454
Chlorobenzene	ND	599	599	753 F ^	632 ^

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82176

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82176/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/12/2011 1855
Date Prepared: 03/12/2011 1707

Analysis Batch: 580-82178
Prep Batch: 580-82176
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134479.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		10	40
Chloromethane	ND		100	400
Vinyl chloride	ND		2.0	8.0
Bromomethane	ND		35	140
Chloroethane	ND		100	400
Trichlorofluoromethane	ND		10	40
1,1-Dichloroethene	ND		5.0	20
Methylene Chloride	ND		10	40
trans-1,2-Dichloroethene	ND		10	40
1,1-Dichloroethane	ND		10	40
2,2-Dichloropropane	ND		10	40
cis-1,2-Dichloroethene	ND		10	40
Chlorobromomethane	ND		12	40
Chloroform	ND		10	40
1,1,1-Trichloroethane	ND		10	40
Carbon tetrachloride	ND		5.0	20
1,1-Dichloropropene	ND		10	40
Benzene	ND		4.0	16
1,2-Dichloroethane	ND		10	40
Trichloroethene	ND		4.0	16
1,2-Dichloropropane	ND		3.9	12
Dibromomethane	ND		10	40
Dichlorobromomethane	ND		10	40
cis-1,3-Dichloropropene	ND		4.0	16
Toluene	ND		10	40
trans-1,3-Dichloropropene	ND		4.0	16
1,1,2-Trichloroethane	ND		3.0	12
Tetrachloroethene	ND		5.0	20
1,3-Dichloropropane	ND		10	40
Chlorodibromomethane	ND		10	40
Ethylene Dibromide	ND		10	40
Chlorobenzene	ND		10	40
Ethylbenzene	ND		10	40
1,1,1,2-Tetrachloroethane	ND		10	40
1,1,2,2-Tetrachloroethane	ND		3.3	10
m-Xylene & p-Xylene	ND		10	40
o-Xylene	ND		10	40
Styrene	ND		10	40
Bromoform	ND		11	40
Isopropylbenzene	ND		10	40
Bromobenzene	ND		10	40
N-Propylbenzene	ND		10	40
1,2,3-Trichloropropane	ND		12	40

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82176

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82176/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/12/2011 1855
Date Prepared: 03/12/2011 1707

Analysis Batch: 580-82178
Prep Batch: 580-82176
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134479.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
2-Chlorotoluene	ND		10	40
1,3,5-Trimethylbenzene	ND		10	40
4-Chlorotoluene	ND		13	40
tert-Butylbenzene	ND		10	40
1,2,4-Trimethylbenzene	ND		10	40
sec-Butylbenzene	ND		10	40
1,3-Dichlorobenzene	ND		10	40
4-Isopropyltoluene	ND		10	40
1,4-Dichlorobenzene	ND		10	40
n-Butylbenzene	ND		10	40
1,2-Dichlorobenzene	ND		10	40
1,2-Dibromo-3-Chloropropane	ND		66	200
1,2,4-Trichlorobenzene	ND		10	40
1,2,3-Trichlorobenzene	ND		10	40
Hexachlorobutadiene	ND		10	40
Naphthalene	ND		10	40
Methyl tert-butyl ether	ND		10	40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	104	75 - 125
Toluene-d8 (Surr)	93	85 - 115
Ethylbenzene-d10	119	75 - 125
4-Bromofluorobenzene (Surr)	107	85 - 120

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82176

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82176/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1251
Date Prepared: 03/12/2011 1707

Analysis Batch: 580-82177
Prep Batch: 580-82176
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134512.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		10	40
Chloromethane	ND		100	400
Vinyl chloride	ND		2.0	8.0
Bromomethane	ND		35	140
Chloroethane	ND		100	400
Trichlorofluoromethane	ND		10	40
1,1-Dichloroethene	ND		5.0	20
Methylene Chloride	ND		10	40
trans-1,2-Dichloroethene	ND		10	40
1,1-Dichloroethane	ND		10	40
2,2-Dichloropropane	ND		10	40
cis-1,2-Dichloroethene	ND		10	40
Chlorobromomethane	ND		12	40
Chloroform	ND		10	40
1,1,1-Trichloroethane	ND		10	40
Carbon tetrachloride	ND		5.0	20
1,1-Dichloropropene	ND		10	40
Benzene	ND		4.0	16
1,2-Dichloroethane	ND		10	40
Trichloroethene	ND		4.0	16
1,2-Dichloropropane	ND		3.9	12
Dibromomethane	ND		10	40
Dichlorobromomethane	ND		10	40
cis-1,3-Dichloropropene	ND		4.0	16
Toluene	ND		10	40
trans-1,3-Dichloropropene	ND		4.0	16
1,1,2-Trichloroethane	ND		3.0	12
Tetrachloroethene	7.59	J	5.0	20
1,3-Dichloropropane	ND		10	40
Chlorodibromomethane	ND		10	40
Ethylene Dibromide	ND		10	40
Chlorobenzene	ND		10	40
Ethylbenzene	ND		10	40
1,1,1,2-Tetrachloroethane	ND		10	40
1,1,2,2-Tetrachloroethane	ND		3.3	10
m-Xylene & p-Xylene	ND		10	40
o-Xylene	ND		10	40
Styrene	ND		10	40
Bromoform	ND		11	40
Isopropylbenzene	ND		10	40
Bromobenzene	ND		10	40
N-Propylbenzene	ND		10	40
1,2,3-Trichloropropane	ND		12	40

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82176

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-82176/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1251
Date Prepared: 03/12/2011 1707

Analysis Batch: 580-82177
Prep Batch: 580-82176
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134512.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
2-Chlorotoluene	ND		10	40
1,3,5-Trimethylbenzene	ND		10	40
4-Chlorotoluene	ND		13	40
tert-Butylbenzene	ND		10	40
1,2,4-Trimethylbenzene	ND		10	40
sec-Butylbenzene	ND		10	40
1,3-Dichlorobenzene	ND		10	40
4-Isopropyltoluene	ND		10	40
1,4-Dichlorobenzene	ND		10	40
n-Butylbenzene	ND		10	40
1,2-Dichlorobenzene	ND		10	40
1,2-Dibromo-3-Chloropropane	ND		66	200
1,2,4-Trichlorobenzene	ND		10	40
1,2,3-Trichlorobenzene	ND		10	40
Hexachlorobutadiene	24.8	J	10	40
Naphthalene	ND		10	40
Methyl tert-butyl ether	ND		10	40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	102	75 - 125
Toluene-d8 (Surr)	92	85 - 115
Ethylbenzene-d10	119	75 - 125
4-Bromofluorobenzene (Surr)	102	85 - 120
Trifluorotoluene (Surr)	105	75 - 125

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Control Sample - Batch: 580-82176

Method: 8260B
Preparation: 5035

Lab Sample ID: LCS 580-82176/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/12/2011 1939
Date Prepared: 03/12/2011 1707

Analysis Batch: 580-82178
Prep Batch: 580-82176
Units: ug/Kg

Instrument ID: TAC043
Lab File ID: VB00134481.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethene	800	772	96	65 - 135	
Benzene	800	817	102	75 - 125	
Trichloroethene	800	808	101	75 - 125	
Toluene	800	776	97	70 - 125	
Chlorobenzene	800	1090	136	75 - 125	*

Surrogate	% Rec		Acceptance Limits
Fluorobenzene (Surr)	105		75 - 125
Toluene-d8 (Surr)	92		85 - 115
Ethylbenzene-d10	126	X	75 - 125
4-Bromofluorobenzene (Surr)	104		85 - 120

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82176

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	580-24938-21	Analysis Batch:	580-82178	Instrument ID:	TAC043
Client Matrix:	Solid	Prep Batch:	580-82176	Lab File ID:	VB00134487.D
Dilution:	1.0			Initial Weight/Volume:	16.00 g
Date Analyzed:	03/12/2011 2152			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

MSD Lab Sample ID:	580-24938-21	Analysis Batch:	580-82178	Instrument ID:	TAC043
Client Matrix:	Solid	Prep Batch:	580-82176	Lab File ID:	VB00134488.D
Dilution:	1.0			Initial Weight/Volume:	16.00 g
Date Analyzed:	03/12/2011 2214			Final Weight/Volume:	400 mL
Date Prepared:	03/12/2011 1707				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	98	96	65 - 135	2	30		
Benzene	103	104	75 - 125	0	30		
Trichloroethene	101	102	75 - 125	1	30		
Toluene	98	98	70 - 125	0	30		
Chlorobenzene	140	140	75 - 125	0	30	F ^	F ^

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Fluorobenzene (Surr)	104		105		75 - 125
Toluene-d8 (Surr)	92		90		85 - 115
Ethylbenzene-d10	131	X	130	X	75 - 125
4-Bromofluorobenzene (Surr)	104		107		85 - 120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82176

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	580-24938-21	Units: ug/Kg	MSD Lab Sample ID: 580-24938-21
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/12/2011 2152		Date Analyzed: 03/12/2011 2214
Date Prepared:	03/12/2011 1707		Date Prepared: 03/12/2011 1707

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1-Dichloroethene	ND		741	741	723		708	
Benzene	ND		741	741	766		769	
Trichloroethene	ND		741	741	747		755	
Toluene	ND		741	741	725		728	
Chlorobenzene	18	J	741	741	1060	F ^	1050	F ^

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82163

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-82163/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0924
Date Prepared: 03/12/2011 1216

Analysis Batch: 580-82194
Prep Batch: 580-82163
Units: ug/Kg

Instrument ID: TAC050
Lab File ID: FT004075.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	ND		15	100
Bis(2-chloroethyl)ether	ND		15	100
2-Chlorophenol	ND		15	100
1,3-Dichlorobenzene	ND		15	50
1,4-Dichlorobenzene	ND		15	50
Benzyl alcohol	ND		15	100
1,2-Dichlorobenzene	ND		15	50
2-Methylphenol	ND		15	100
3 & 4 Methylphenol	ND		15	200
N-Nitrosodi-n-propylamine	ND		15	100
Hexachloroethane	ND		15	100
Nitrobenzene	ND		34	100
Isophorone	ND		5.0	100
2-Nitrophenol	ND		15	100
2,4-Dimethylphenol	ND		15	100
Benzoic acid	ND		750	2500
Bis(2-chloroethoxy)methane	ND		5.0	100
2,4-Dichlorophenol	ND		15	100
1,2,4-Trichlorobenzene	ND		15	50
Naphthalene	ND		5.0	20
4-Chloroaniline	ND		15	100
Hexachlorobutadiene	ND		15	50
4-Chloro-3-methylphenol	ND		15	100
2-Methylnaphthalene	ND		5.0	20
Hexachlorocyclopentadiene	ND		5.0	100
2,4,6-Trichlorophenol	ND		15	150
2,4,5-Trichlorophenol	ND		15	100
2-Chloronaphthalene	ND		5.0	20
2-Nitroaniline	ND		15	100
Dimethyl phthalate	ND		5.0	100
Acenaphthylene	ND		5.0	20
2,6-Dinitrotoluene	ND		15	100
3-Nitroaniline	ND		15	100
Acenaphthene	ND		5.0	20
2,4-Dinitrophenol	ND		200	1000
4-Nitrophenol	ND		250	1000
Dibenzofuran	ND		5.0	100
2,4-Dinitrotoluene	ND		15	100
Diethyl phthalate	41.2	J	15	100
4-Chlorophenyl phenyl ether	ND		15	100
Fluorene	ND		5.0	20
4-Nitroaniline	ND		15	100
4,6-Dinitro-2-methylphenol	ND		100	1000

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82163

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-82163/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0924
Date Prepared: 03/12/2011 1216

Analysis Batch: 580-82194
Prep Batch: 580-82163
Units: ug/Kg

Instrument ID: TAC050
Lab File ID: FT004075.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	ND		5.0	50
4-Bromophenyl phenyl ether	ND		15	100
Hexachlorobenzene	ND		5.0	50
Pentachlorophenol	ND		15	200
Phenanthrene	ND		5.0	20
Anthracene	ND		5.0	20
Di-n-butyl phthalate	ND		50	200
Fluoranthene	ND		5.0	20
Pyrene	ND		5.0	20
Butyl benzyl phthalate	ND		50	100
3,3'-Dichlorobenzidine	ND		30	200
Benzo[a]anthracene	ND		5.0	25
Chrysene	ND		5.0	25
Bis(2-ethylhexyl) phthalate	ND		50	1500
Di-n-octyl phthalate	ND		5.0	200
Benzo[a]pyrene	ND		5.0	30
Indeno[1,2,3-cd]pyrene	ND		5.0	40
Dibenz(a,h)anthracene	ND		5.0	40
Benzo[g,h,i]perylene	ND		5.0	25
Carbazole	ND		5.0	150
1-Methylnaphthalene	ND		5.0	30
Benzo[b]fluoranthene	ND		5.0	20
Benzo[k]fluoranthene	ND		5.0	25
2,2'-oxybis[1-chloropropane]	ND		15	150

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	94	36 - 145
Phenol-d5	81	38 - 149
Nitrobenzene-d5	92	38 - 141
2-Fluorobiphenyl	83	42 - 140
2,4,6-Tribromophenol	71	28 - 143
Terphenyl-d14	74	42 - 151

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82163/2-A	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004076.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10 g
Date Analyzed:	03/14/2011 0943			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 580-82163/3-A	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004077.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10 g
Date Analyzed:	03/14/2011 1002			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	99	89	66 - 126	11	26		
Bis(2-chloroethyl)ether	76	91	57 - 122	19	60		
2-Chlorophenol	87	89	65 - 125	1	27		
1,3-Dichlorobenzene	79	90	64 - 124	13	60		
1,4-Dichlorobenzene	88	91	62 - 132	3	32		
Benzyl alcohol	81	93	42 - 147	14	60		
1,2-Dichlorobenzene	85	89	68 - 118	5	60		
2-Methylphenol	98	113	56 - 121	14	25		
3 & 4 Methylphenol	93	104	61 - 126	11	27		
N-Nitrosodi-n-propylamine	96	107	52 - 127	11	28		
Hexachloroethane	89	90	56 - 131	1	60		
Nitrobenzene	120	130	59 - 134	8	60		
Isophorone	116	121	53 - 118	2	60		*
2-Nitrophenol	94	99	58 - 128	5	60		
2,4-Dimethylphenol	97	101	58 - 133	4	60		
Benzoic acid	75	79	10 - 130	6	60		
Bis(2-chloroethoxy)methane	89	96	63 - 128	8	60		
2,4-Dichlorophenol	89	93	59 - 124	5	60		
1,2,4-Trichlorobenzene	82	89	63 - 128	8	28		
Naphthalene	88	92	64 - 129	5	26		
4-Chloroaniline	57	62	20 - 181	9	60		
Hexachlorobutadiene	88	91	59 - 134	3	60		
4-Chloro-3-methylphenol	93	103	58 - 128	10	27		
2-Methylnaphthalene	88	89	65 - 125	1	27		
Hexachlorocyclopentadiene	76	71	30 - 132	8	60		
2,4,6-Trichlorophenol	94	94	66 - 131	0	60		
2,4,5-Trichlorophenol	101	99	64 - 124	2	60		
2-Chloronaphthalene	86	91	69 - 129	5	25		
2-Nitroaniline	120	120	58 - 133	0	60		
Dimethyl phthalate	89	90	65 - 125	2	60		
Acenaphthylene	95	98	69 - 129	3	28		
2,6-Dinitrotoluene	114	115	65 - 125	1	60		
3-Nitroaniline	84	89	80 - 165	6	60		
Acenaphthene	86	90	65 - 130	4	27		

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82163/2-A	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004076.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10 g
Date Analyzed:	03/14/2011 0943			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 580-82163/3-A	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004077.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10 g
Date Analyzed:	03/14/2011 1002			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,4-Dinitrophenol	81	94	53 - 168	15	60		
4-Nitrophenol	102	111	47 - 172	8	33		
Dibenzofuran	88	89	70 - 125	2	60		
2,4-Dinitrotoluene	127	123	57 - 122	3	31	*	*
Diethyl phthalate	87	90	64 - 129	4	26		
4-Chlorophenyl phenyl ether	83	88	65 - 130	6	60		
Fluorene	87	90	68 - 128	4	31		
4-Nitroaniline	90	99	70 - 150	9	60		
4,6-Dinitro-2-methylphenol	79	83	38 - 143	4	60		
N-Nitrosodiphenylamine	87	91	88 - 153	4	60	*	
4-Bromophenyl phenyl ether	83	84	64 - 134	1	60		
Hexachlorobenzene	79	82	61 - 136	4	60		
Pentachlorophenol	78	81	29 - 124	3	68		
Phenanthrene	85	88	65 - 125	4	28		
Anthracene	86	90	73 - 123	5	27		
Di-n-butyl phthalate	84	88	69 - 124	5	60		
Fluoranthene	88	93	61 - 121	6	36		
Pyrene	86	89	54 - 134	4	31		
Butyl benzyl phthalate	75	76	65 - 140	0	60		
3,3'-Dichlorobenzidine	60	64	73 - 163	7	60	*	*
Benzo[a]anthracene	75	80	64 - 124	7	27		
Chrysene	81	82	71 - 126	2	26		
Bis(2-ethylhexyl) phthalate	77	77	64 - 144	0	60	J	J
Di-n-octyl phthalate	85	81	58 - 148	5	31		
Benzo[a]pyrene	79	84	68 - 128	6	30		
Indeno[1,2,3-cd]pyrene	65	76	59 - 139	17	29		
Dibenz(a,h)anthracene	66	76	57 - 142	14	30		
Benzo[g,h,i]perylene	65	73	57 - 142	12	28		
Carbazole	93	96	88 - 158	3	60		
1-Methylnaphthalene	87	90	48 - 148	3	30		
Benzo[b]fluoranthene	82	85	66 - 136	4	31		
Benzo[k]fluoranthene	82	84	63 - 143	2	31		
2,2'-oxybis[1-chloropropane]	100	119	44 - 140	17	60		

Client: MWH Americas Inc

Job Number: 580-24938-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorophenol	88	94	36 - 145
Phenol-d5	81	91	38 - 149
Nitrobenzene-d5	95	100	38 - 141
2-Fluorobiphenyl	79	84	42 - 140
2,4,6-Tribromophenol	80	88	28 - 143
Terphenyl-d14	71	79	42 - 151

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82163/2-A	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 580-82163/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/14/2011 0943			Date Analyzed:	03/14/2011 1002
Date Prepared:	03/12/2011 1216			Date Prepared:	03/12/2011 1216

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Phenol	986	986	979	874	
Bis(2-chloroethyl)ether	1000	1000	756	916	
2-Chlorophenol	1000	1000	876	889	
1,3-Dichlorobenzene	999	999	791	899	
1,4-Dichlorobenzene	1000	1000	884	907	
Benzyl alcohol	1000	1000	806	927	
1,2-Dichlorobenzene	999	999	847	894	
2-Methylphenol	1000	1000	985	1130	
3 & 4 Methylphenol	1010	1010	939	1050	
N-Nitrosodi-n-propylamine	995	995	954	1070	
Hexachloroethane	1000	1000	894	902	
Nitrobenzene	1000	1000	1200	1300	
Isophorone	1000	1000	1160	1210	*
2-Nitrophenol	1020	1020	958	1010	
2,4-Dimethylphenol	982	982	956	992	
Benzoic acid	5010	5010	3740	3970	
Bis(2-chloroethoxy)methane	1000	1000	893	964	
2,4-Dichlorophenol	983	983	875	918	
1,2,4-Trichlorobenzene	1010	1010	828	900	
Naphthalene	987	987	865	907	
4-Chloroaniline	1010	1010	572	626	
Hexachlorobutadiene	1010	1010	885	915	
4-Chloro-3-methylphenol	1010	1010	941	1040	
2-Methylnaphthalene	1010	1010	892	900	
Hexachlorocyclopentadiene	999	999	762	706	
2,4,6-Trichlorophenol	1000	1000	940	939	
2,4,5-Trichlorophenol	1000	1000	1020	996	
2-Chloronaphthalene	1000	1000	864	910	
2-Nitroaniline	1010	1010	1210	1210	
Dimethyl phthalate	1010	1010	892	907	
Acenaphthylene	990	990	940	971	
2,6-Dinitrotoluene	1000	1000	1140	1150	
3-Nitroaniline	1000	1000	846	897	
Acenaphthene	988	988	849	887	
2,4-Dinitrophenol	4990	4990	4010	4680	
4-Nitrophenol	4970	4970	5060	5500	
Dibenzofuran	1000	1000	882	897	
2,4-Dinitrotoluene	1000	1000	1270 *	1230	*
Diethyl phthalate	1000	1000	869	900	
4-Chlorophenyl phenyl ether	1000	1000	836	885	
Fluorene	996	996	864	895	

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82163/2-A	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 580-82163/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/14/2011 0943			Date Analyzed:	03/14/2011 1002
Date Prepared:	03/12/2011 1216			Date Prepared:	03/12/2011 1216

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
4-Nitroaniline	1000	1000	900		986	
4,6-Dinitro-2-methylphenol	5030	5030	3970		4150	
N-Nitrosodiphenylamine	998	998	869	*	905	
4-Bromophenyl phenyl ether	1000	1000	827		837	
Hexachlorobenzene	1000	1000	792		824	
Pentachlorophenol	984	984	771		795	
Phenanthrene	997	997	845		877	
Anthracene	994	994	855		897	
Di-n-butyl phthalate	1000	1000	843		886	
Fluoranthene	996	996	873		923	
Pyrene	1000	1000	859		898	
Butyl benzyl phthalate	1000	1000	756		758	
3,3'-Dichlorobenzidine	2000	2000	1190	*	1280	*
Benzo[a]anthracene	991	991	742		794	
Chrysene	991	991	799		816	
Bis(2-ethylhexyl) phthalate	1010	1010	777	J	777	J
Di-n-octyl phthalate	1000	1000	853		807	
Benzo[a]pyrene	990	990	782		831	
Indeno[1,2,3-cd]pyrene	997	997	643		761	
Dibenz(a,h)anthracene	999	999	662		764	
Benzo[g,h,i]perylene	992	992	644		729	
Carbazole	1000	1000	931		962	
1-Methylnaphthalene	994	994	866		890	
Benzo[b]fluoranthene	989	989	807		837	
Benzo[k]fluoranthene	988	988	813		827	
2,2'-oxybis[1-chloropropane]	999	999	995		1180	

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-4	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004082.D
Dilution:	1.0			Initial Weight/Volume:	10.4275 g
Date Analyzed:	03/14/2011 1151			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24938-4	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004083.D
Dilution:	1.0			Initial Weight/Volume:	10.0608 g
Date Analyzed:	03/14/2011 1210			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	100	87	66 - 126	10	26		
Bis(2-chloroethyl)ether	89	89	57 - 122	4	60		
2-Chlorophenol	79	90	65 - 125	16	27		
1,3-Dichlorobenzene	73	69	64 - 124	1	60		
1,4-Dichlorobenzene	77	72	62 - 132	2	32		
Benzyl alcohol	76	73	42 - 147	0	60		
1,2-Dichlorobenzene	76	69	68 - 118	6	60		
2-Methylphenol	102	102	56 - 121	4	25		
3 & 4 Methylphenol	91	98	61 - 126	11	27		
N-Nitrosodi-n-propylamine	97	87	52 - 127	7	28		
Hexachloroethane	73	65	56 - 131	9	60		
Nitrobenzene	120	121	59 - 134	4	60		
Isophorone	104	98	53 - 118	3	60		
2-Nitrophenol	95	98	58 - 128	7	60		
2,4-Dimethylphenol	89	83	58 - 133	3	60		
Benzoic acid	0	0	10 - 130	NC	60	F	F
Bis(2-chloroethoxy)methane	88	85	63 - 128	0	60		
2,4-Dichlorophenol	88	83	59 - 124	2	60		
1,2,4-Trichlorobenzene	64	55	63 - 128	13	28		F
Naphthalene	72	64	64 - 129	9	26		
4-Chloroaniline	78	76	20 - 181	0	60		
Hexachlorobutadiene	61	44	59 - 134	28	60		F
4-Chloro-3-methylphenol	96	89	58 - 128	4	27		
2-Methylnaphthalene	62	50	65 - 125	17	27	F	F
Hexachlorocyclopentadiene	44	31	30 - 132	31	60		
2,4,6-Trichlorophenol	91	87	66 - 131	1	60		
2,4,5-Trichlorophenol	99	99	64 - 124	3	60		
2-Chloronaphthalene	65	53	69 - 129	18	25	F	F
2-Nitroaniline	123	106	58 - 133	11	60		
Dimethyl phthalate	80	70	65 - 125	10	60		
Acenaphthylene	73	58	69 - 129	19	28		F
2,6-Dinitrotoluene	107	96	65 - 125	7	60		

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-4	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004082.D
Dilution:	1.0			Initial Weight/Volume:	10.4275 g
Date Analyzed:	03/14/2011 1151			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24938-4	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004083.D
Dilution:	1.0			Initial Weight/Volume:	10.0608 g
Date Analyzed:	03/14/2011 1210			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
3-Nitroaniline	99	90	80 - 165	6	60		
Acenaphthene	64	50	65 - 130	22	27	F	F
2,4-Dinitrophenol	14	12	53 - 168	10	60	J F	J F
4-Nitrophenol	96	82	47 - 172	12	33		
Dibenzofuran	62	48	70 - 125	23	60	F	F
2,4-Dinitrotoluene	111	89	57 - 122	19	31		
Diethyl phthalate	61	48	64 - 129	19	26	F	F
4-Chlorophenyl phenyl ether	57	40	65 - 130	32	60	F	F
Fluorene	61	46	68 - 128	25	31	F	F
4-Nitroaniline	102	83	70 - 150	17	60		
4,6-Dinitro-2-methylphenol	41	35	38 - 143	11	60		F
N-Nitrosodiphenylamine	63	51	88 - 153	18	60	F	F
4-Bromophenyl phenyl ether	53	41	64 - 134	22	60	F	F
Hexachlorobenzene	44	33	61 - 136	25	60	F	F
Pentachlorophenol	64	54	29 - 124	12	68		
Phenanthrene	58	41	65 - 125	30	28	F	F
Anthracene	58	42	73 - 123	28	27	F	F
Di-n-butyl phthalate	51	38	69 - 124	24	60	F	F
Fluoranthene	57	39	61 - 121	34	36	F	F
Pyrene	57	39	54 - 134	35	31		F
Butyl benzyl phthalate	49	44	65 - 140	7	60	F	F
3,3'-Dichlorobenzidine	56	45	73 - 163	17	60	F	F
Benzo[a]anthracene	47	35	64 - 124	25	27	F	F
Chrysene	51	37	71 - 126	27	26	F	F
Bis(2-ethylhexyl) phthalate	51	53	64 - 144	6	60	J F	J F
Di-n-octyl phthalate	57	57	58 - 148	5	31	F	F
Benzo[a]pyrene	47	31	68 - 128	35	30	F	F
Indeno[1,2,3-cd]pyrene	39	27	59 - 139	31	29	F	F
Dibenz(a,h)anthracene	42	29	57 - 142	34	30	F	F
Benzo[g,h,i]perylene	38	25	57 - 142	35	28	F	F
Carbazole	76	63	88 - 158	16	60	F	F
1-Methylnaphthalene	64	50	48 - 148	21	30		

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-4	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004082.D
Dilution:	1.0			Initial Weight/Volume:	10.4275 g
Date Analyzed:	03/14/2011 1151			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24938-4	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Solid	Prep Batch:	580-82163	Lab File ID:	FT004083.D
Dilution:	1.0			Initial Weight/Volume:	10.0608 g
Date Analyzed:	03/14/2011 1210			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1216			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[b]fluoranthene	48	34	66 - 136	32	31	F	F
Benzo[k]fluoranthene	46	31	63 - 143	34	31	F	F
2,2'-oxybis[1-chloropropane]	95	86	44 - 140	7	60		

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
2-Fluorophenol	94	98		36 - 145
Phenol-d5	86	86		38 - 149
Nitrobenzene-d5	99	93		38 - 141
2-Fluorobiphenyl	76	60		42 - 140
2,4,6-Tribromophenol	88	82		28 - 143
Terphenyl-d14	51	28	X	42 - 151

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-4	Units: ug/Kg	MSD Lab Sample ID:	580-24938-4	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/14/2011 1151		Date Analyzed:	03/14/2011 1210	
Date Prepared:	03/12/2011 1216		Date Prepared:	03/12/2011 1216	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	ND	1390	1440	1390		1260	
Bis(2-chloroethyl)ether	ND	1410	1460	1250		1310	
2-Chlorophenol	ND	1410	1460	1120		1320	
1,3-Dichlorobenzene	ND	1410	1460	1030		1010	
1,4-Dichlorobenzene	ND	1410	1460	1080		1060	
Benzyl alcohol	ND	1410	1460	1070		1070	
1,2-Dichlorobenzene	ND	1410	1460	1070		1010	
2-Methylphenol	ND	1410	1460	1440		1490	
3 & 4 Methylphenol	ND	1420	1480	1290		1440	
N-Nitrosodi-n-propylamine	ND	1400	1450	1360		1270	
Hexachloroethane	ND	1410	1460	1030		943	
Nitrobenzene	ND	1410	1460	1690		1760	
Isophorone	ND	1410	1460	1470		1430	
2-Nitrophenol	ND	1440	1490	1360		1460	
2,4-Dimethylphenol	ND	1390	1440	1230		1200	
Benzoic acid	ND	7060	7320	ND	F	ND	F
Bis(2-chloroethoxy)methane	ND	1410	1460	1240		1240	
2,4-Dichlorophenol	ND	1390	1440	1220		1190	
1,2,4-Trichlorobenzene	ND	1420	1470	915		804	F
Naphthalene	ND	1390	1440	1000		920	
4-Chloroaniline	ND	1420	1480	1120		1120	
Hexachlorobutadiene	ND	1420	1470	869		655	F
4-Chloro-3-methylphenol	ND	1420	1470	1360		1310	
2-Methylnaphthalene	ND	1430	1480	879	F	743	F
Hexachlorocyclopentadiene	ND	1410	1460	621		455	
2,4,6-Trichlorophenol	ND	1420	1470	1290		1280	
2,4,5-Trichlorophenol	ND	1420	1470	1410		1450	
2-Chloronaphthalene	ND	1410	1460	919	F	768	F
2-Nitroaniline	ND	1420	1470	1750		1560	
Dimethyl phthalate	ND	1420	1470	1140		1030	
Acenaphthylene	ND	1400	1450	1010		839	F
2,6-Dinitrotoluene	ND	1410	1460	1510		1400	
3-Nitroaniline	ND	1410	1460	1400		1320	
Acenaphthene	ND	1390	1440	892	F	716	F
2,4-Dinitrophenol	ND	7030	7290	999	J F	906	J F
4-Nitrophenol	ND	7010	7260	6720		5950	
Dibenzofuran	ND	1420	1470	885	F	704	F
2,4-Dinitrotoluene	ND	1410	1460	1570		1300	
Diethyl phthalate	ND	1410	1460	857	F	705	F
4-Chlorophenyl phenyl ether	ND	1410	1460	809	F	583	F
Fluorene	ND	1400	1460	854	F	666	F

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82163

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-4	Units: ug/Kg	MSD Lab Sample ID:	580-24938-4	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/14/2011 1151		Date Analyzed:	03/14/2011 1210	
Date Prepared:	03/12/2011 1216		Date Prepared:	03/12/2011 1216	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	ND	1410	1460	1440		1210	
4,6-Dinitro-2-methylphenol	ND	7090	7350	2890		2600	F
N-Nitrosodiphenylamine	ND	1410	1460	885	F	742	F
4-Bromophenyl phenyl ether	ND	1410	1460	751	F	603	F
Hexachlorobenzene	ND	1410	1460	628	F	489	F
Pentachlorophenol	ND	1390	1440	885		782	
Phenanthrene	ND	1410	1460	810	F	600	F
Anthracene	ND	1400	1450	807	F	607	F
Di-n-butyl phthalate	ND	1410	1460	718	F	562	F
Fluoranthene	ND	1400	1460	803	F	571	F
Pyrene	ND	1410	1470	804		566	F
Butyl benzyl phthalate	ND	1410	1470	693	F	643	F
3,3'-Dichlorobenzidine	ND	2820	2920	1570	F	1310	F
Benzo[a]anthracene	ND	1400	1450	650	F	503	F
Chrysene	ND	1400	1450	706	F	537	F
Bis(2-ethylhexyl) phthalate	ND	1420	1470	729	J F	775	J F
Di-n-octyl phthalate	ND	1410	1460	800	F	842	F
Benzo[a]pyrene	ND	1400	1450	650	F	454	F
Indeno[1,2,3-cd]pyrene	ND	1410	1460	545	F	398	F
Dibenz(a,h)anthracene	ND	1410	1460	595	F	422	F
Benzo[g,h,i]perylene	ND	1400	1450	527	F	369	F
Carbazole	ND	1410	1460	1080	F	920	F
1-Methylnaphthalene	ND	1400	1450	892		723	
Benzo[b]fluoranthene	ND	1400	1450	674	F	489	F
Benzo[k]fluoranthene	ND	1390	1440	642	F	455	F
2,2'-oxybis[1-chloropropane]	ND	1410	1460	1340		1250	

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82166

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-82166/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1147
Date Prepared: 03/12/2011 1231

Analysis Batch: 580-82179
Prep Batch: 580-82166
Units: ug/Kg

Instrument ID: TAC040
Lab File ID: ak024456.D
Initial Weight/Volume: 10.0 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	ND		15	100
Bis(2-chloroethyl)ether	ND		15	100
2-Chlorophenol	ND		15	100
1,3-Dichlorobenzene	ND		15	50
1,4-Dichlorobenzene	ND		15	50
Benzyl alcohol	ND		15	100
1,2-Dichlorobenzene	ND		15	50
2-Methylphenol	ND		15	100
3 & 4 Methylphenol	ND		15	200
N-Nitrosodi-n-propylamine	ND		15	100
Hexachloroethane	ND		15	100
Nitrobenzene	ND		34	100
Isophorone	ND		5.0	100
2-Nitrophenol	ND		15	100
2,4-Dimethylphenol	ND		15	100
Benzoic acid	ND		750	2500
Bis(2-chloroethoxy)methane	ND		5.0	100
2,4-Dichlorophenol	ND		15	100
1,2,4-Trichlorobenzene	ND		15	50
Naphthalene	ND		5.0	20
4-Chloroaniline	ND		15	100
Hexachlorobutadiene	ND		15	50
4-Chloro-3-methylphenol	ND		15	100
2-Methylnaphthalene	ND		5.0	20
Hexachlorocyclopentadiene	ND		5.0	100
2,4,6-Trichlorophenol	ND		15	150
2,4,5-Trichlorophenol	ND		15	100
2-Chloronaphthalene	ND		5.0	20
2-Nitroaniline	ND		15	100
Dimethyl phthalate	ND		5.0	100
Acenaphthylene	ND		5.0	20
2,6-Dinitrotoluene	ND		15	100
3-Nitroaniline	ND		15	100
Acenaphthene	ND		5.0	20
2,4-Dinitrophenol	ND		200	1000
4-Nitrophenol	ND		250	1000
Dibenzofuran	ND		5.0	100
2,4-Dinitrotoluene	ND		15	100
Diethyl phthalate	ND		15	100
4-Chlorophenyl phenyl ether	ND		15	100
Fluorene	ND		5.0	20
4-Nitroaniline	ND		15	100
4,6-Dinitro-2-methylphenol	ND		100	1000

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82166

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-82166/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1147
Date Prepared: 03/12/2011 1231

Analysis Batch: 580-82179
Prep Batch: 580-82166
Units: ug/Kg

Instrument ID: TAC040
Lab File ID: ak024456.D
Initial Weight/Volume: 10.0 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	ND		5.0	50
4-Bromophenyl phenyl ether	ND		15	100
Hexachlorobenzene	ND		5.0	50
Pentachlorophenol	ND		15	200
Phenanthrene	ND		5.0	20
Anthracene	ND		5.0	20
Di-n-butyl phthalate	ND		50	200
Fluoranthene	ND		5.0	20
Pyrene	ND		5.0	20
Butyl benzyl phthalate	ND		50	100
3,3'-Dichlorobenzidine	ND		30	200
Benzo[a]anthracene	ND		5.0	25
Chrysene	ND		5.0	25
Bis(2-ethylhexyl) phthalate	ND		50	1500
Di-n-octyl phthalate	ND		5.0	200
Benzo[a]pyrene	ND		5.0	30
Indeno[1,2,3-cd]pyrene	ND		5.0	40
Dibenz(a,h)anthracene	ND		5.0	40
Benzo[g,h,i]perylene	ND		5.0	25
Carbazole	ND		5.0	150
1-Methylnaphthalene	ND		5.0	30
Benzo[b]fluoranthene	ND		5.0	20
Benzo[k]fluoranthene	ND		5.0	25
2,2'-oxybis[1-chloropropane]	ND		15	150

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	90	36 - 145
Phenol-d5	89	38 - 149
Nitrobenzene-d5	87	38 - 141
2-Fluorobiphenyl	86	42 - 140
2,4,6-Tribromophenol	68	28 - 143
Terphenyl-d14	72	42 - 151

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82166/2-A	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024457.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10.0 g
Date Analyzed:	03/13/2011 1208			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 580-82166/3-A	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024458.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10.0 g
Date Analyzed:	03/13/2011 1229			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	91	99	66 - 126	8	26		
Bis(2-chloroethyl)ether	67	81	57 - 122	18	60		
2-Chlorophenol	87	96	65 - 125	10	27		
1,3-Dichlorobenzene	90	96	64 - 124	7	60		
1,4-Dichlorobenzene	89	100	62 - 132	11	32		
Benzyl alcohol	66	74	42 - 147	12	60		
1,2-Dichlorobenzene	90	96	68 - 118	7	60		
2-Methylphenol	91	109	56 - 121	17	25		
3 & 4 Methylphenol	96	115	61 - 126	18	27		
N-Nitrosodi-n-propylamine	97	103	52 - 127	6	28		
Hexachloroethane	90	92	56 - 131	3	60		
Nitrobenzene	115	121	59 - 134	5	60		
Isophorone	113	120	53 - 118	5	60		*
2-Nitrophenol	84	87	58 - 128	4	60		
2,4-Dimethylphenol	88	93	58 - 133	5	60		
Benzoic acid	52	53	10 - 130	1	60		
Bis(2-chloroethoxy)methane	87	91	63 - 128	4	60		
2,4-Dichlorophenol	88	91	59 - 124	3	60		
1,2,4-Trichlorobenzene	86	91	63 - 128	5	28		
Naphthalene	91	97	64 - 129	6	26		
4-Chloroaniline	60	61	20 - 181	1	60		
Hexachlorobutadiene	88	91	59 - 134	3	60		
4-Chloro-3-methylphenol	88	97	58 - 128	10	27		
2-Methylnaphthalene	94	100	65 - 125	6	27		
Hexachlorocyclopentadiene	75	83	30 - 132	10	60		
2,4,6-Trichlorophenol	85	93	66 - 131	9	60		
2,4,5-Trichlorophenol	96	102	64 - 124	6	60		
2-Chloronaphthalene	88	98	69 - 129	11	25		
2-Nitroaniline	93	100	58 - 133	7	60		
Dimethyl phthalate	93	100	65 - 125	7	60		
Acenaphthylene	96	104	69 - 129	8	28		
2,6-Dinitrotoluene	108	118	65 - 125	9	60		
3-Nitroaniline	83	86	80 - 165	3	60		
Acenaphthene	87	93	65 - 130	6	27		

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82166/2-A	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024457.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10.0 g
Date Analyzed:	03/13/2011 1208			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 580-82166/3-A	Analysis Batch:	580-82179	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024458.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10.0 g
Date Analyzed:	03/13/2011 1229			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,4-Dinitrophenol	62	69	53 - 168	11	60		
4-Nitrophenol	83	90	47 - 172	8	33		
Dibenzofuran	88	97	70 - 125	10	60		
2,4-Dinitrotoluene	111	120	57 - 122	8	31		
Diethyl phthalate	87	93	64 - 129	7	26		
4-Chlorophenyl phenyl ether	84	90	65 - 130	7	60		
Fluorene	88	98	68 - 128	11	31		
4-Nitroaniline	92	108	70 - 150	16	60		
4,6-Dinitro-2-methylphenol	64	72	38 - 143	12	60		
N-Nitrosodiphenylamine	94	102	88 - 153	8	60		
4-Bromophenyl phenyl ether	82	92	64 - 134	11	60		
Hexachlorobenzene	82	88	61 - 136	6	60		
Pentachlorophenol	75	90	29 - 124	18	68		
Phenanthrene	83	92	65 - 125	11	28		
Anthracene	89	97	73 - 123	8	27		
Di-n-butyl phthalate	83	90	69 - 124	8	60		
Fluoranthene	89	97	61 - 121	9	36		
Pyrene	84	94	54 - 134	11	31		
Butyl benzyl phthalate	92	95	65 - 140	3	60		
3,3'-Dichlorobenzidine	73	84	73 - 163	13	60		
Benzo[a]anthracene	83	91	64 - 124	10	27		
Chrysene	81	89	71 - 126	9	26		
Bis(2-ethylhexyl) phthalate	86	90	64 - 144	4	60	J	J
Di-n-octyl phthalate	92	88	58 - 148	4	31		
Benzo[a]pyrene	89	93	68 - 128	4	30		
Indeno[1,2,3-cd]pyrene	77	89	59 - 139	15	29		
Dibenz(a,h)anthracene	78	93	57 - 142	17	30		
Benzo[g,h,i]perylene	69	86	57 - 142	21	28		
Carbazole	92	104	88 - 158	12	60		
1-Methylnaphthalene	90	98	48 - 148	8	30		
Benzo[b]fluoranthene	87	90	66 - 136	4	31		
Benzo[k]fluoranthene	88	95	63 - 143	7	31		
2,2'-oxybis[1-chloropropane]	90	100	44 - 140	10	60		

Client: MWH Americas Inc

Job Number: 580-24938-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorophenol	85	94	36 - 145
Phenol-d5	86	95	38 - 149
Nitrobenzene-d5	84	90	38 - 141
2-Fluorobiphenyl	81	91	42 - 140
2,4,6-Tribromophenol	79	91	28 - 143
Terphenyl-d14	69	75	42 - 151

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82166/2-A	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 580-82166/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/13/2011 1208			Date Analyzed:	03/13/2011 1229
Date Prepared:	03/12/2011 1231			Date Prepared:	03/12/2011 1231

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Phenol	986	986	901	976	
Bis(2-chloroethyl)ether	1000	1000	672	806	
2-Chlorophenol	1000	1000	871	966	
1,3-Dichlorobenzene	999	999	897	957	
1,4-Dichlorobenzene	1000	1000	896	1000	
Benzyl alcohol	1000	1000	659	740	
1,2-Dichlorobenzene	999	999	898	962	
2-Methylphenol	1000	1000	916	1090	
3 & 4 Methylphenol	1010	1010	969	1160	
N-Nitrosodi-n-propylamine	995	995	961	1020	
Hexachloroethane	1000	1000	896	920	
Nitrobenzene	1000	1000	1150	1210	
Isophorone	1000	1000	1130	1200	*
2-Nitrophenol	1020	1020	852	883	
2,4-Dimethylphenol	982	982	865	912	
Benzoic acid	5010	5010	2620	2650	
Bis(2-chloroethoxy)methane	1000	1000	874	910	
2,4-Dichlorophenol	983	983	863	891	
1,2,4-Trichlorobenzene	1010	1010	870	919	
Naphthalene	987	987	901	955	
4-Chloroaniline	1010	1010	608	615	
Hexachlorobutadiene	1010	1010	885	915	
4-Chloro-3-methylphenol	1010	1010	891	982	
2-Methylnaphthalene	1010	1010	953	1010	
Hexachlorocyclopentadiene	999	999	748	830	
2,4,6-Trichlorophenol	1000	1000	855	933	
2,4,5-Trichlorophenol	1000	1000	960	1020	
2-Chloronaphthalene	1000	1000	884	983	
2-Nitroaniline	1010	1010	938	1000	
Dimethyl phthalate	1010	1010	933	1000	
Acenaphthylene	990	990	953	1030	
2,6-Dinitrotoluene	1000	1000	1080	1180	
3-Nitroaniline	1000	1000	835	861	
Acenaphthene	988	988	857	914	
2,4-Dinitrophenol	4990	4990	3100	3440	
4-Nitrophenol	4970	4970	4140	4480	
Dibenzofuran	1000	1000	882	977	
2,4-Dinitrotoluene	1000	1000	1110	1200	
Diethyl phthalate	1000	1000	869	934	
4-Chlorophenyl phenyl ether	1000	1000	842	906	
Fluorene	996	996	877	975	

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82166/2-A	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 580-82166/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/13/2011 1208			Date Analyzed:	03/13/2011 1229
Date Prepared:	03/12/2011 1231			Date Prepared:	03/12/2011 1231

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
4-Nitroaniline	1000	1000	917		1080	
4,6-Dinitro-2-methylphenol	5030	5030	3200		3610	
N-Nitrosodiphenylamine	998	998	937		1020	
4-Bromophenyl phenyl ether	1000	1000	820		920	
Hexachlorobenzene	1000	1000	827		881	
Pentachlorophenol	984	984	734		881	
Phenanthrene	997	997	827		921	
Anthracene	994	994	886		961	
Di-n-butyl phthalate	1000	1000	833		906	
Fluoranthene	996	996	884		965	
Pyrene	1000	1000	841		938	
Butyl benzyl phthalate	1000	1000	922		952	
3,3'-Dichlorobenzidine	2000	2000	1470		1680	
Benzo[a]anthracene	991	991	820		902	
Chrysene	991	991	805		880	
Bis(2-ethylhexyl) phthalate	1010	1010	870	J	905	J
Di-n-octyl phthalate	1000	1000	920		883	
Benzo[a]pyrene	990	990	881		918	
Indeno[1,2,3-cd]pyrene	997	997	765		890	
Dibenz(a,h)anthracene	999	999	782		926	
Benzo[g,h,i]perylene	992	992	688		848	
Carbazole	1000	1000	925		1040	
1-Methylnaphthalene	994	994	892		971	
Benzo[b]fluoranthene	989	989	862		895	
Benzo[k]fluoranthene	988	988	874		934	
2,2'-oxybis[1-chloropropane]	999	999	901		998	

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-22	Analysis Batch:	580-82189	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024469.D
Dilution:	1.0			Initial Weight/Volume:	10.4331 g
Date Analyzed:	03/14/2011 1052			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24938-22	Analysis Batch:	580-82189	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024470.D
Dilution:	1.0			Initial Weight/Volume:	10.0531 g
Date Analyzed:	03/14/2011 1113			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	121	101	66 - 126	14	26		
Bis(2-chloroethyl)ether	101	84	57 - 122	15	60		
2-Chlorophenol	112	95	65 - 125	13	27		
1,3-Dichlorobenzene	107	94	64 - 124	10	60		
1,4-Dichlorobenzene	109	93	62 - 132	12	32		
Benzyl alcohol	65	48	42 - 147	27	60		
1,2-Dichlorobenzene	109	93	68 - 118	12	60		
2-Methylphenol	126	98	56 - 121	22	25	F	
3 & 4 Methylphenol	119	101	61 - 126	13	27		
N-Nitrosodi-n-propylamine	124	101	52 - 127	17	28		
Hexachloroethane	101	85	56 - 131	13	60		
Nitrobenzene	139	115	59 - 134	16	60	F	
Isophorone	145	118	53 - 118	16	60	F	
2-Nitrophenol	103	87	58 - 128	13	60		
2,4-Dimethylphenol	107	82	58 - 133	22	60		
Benzoic acid	0	0	10 - 130	NC	60	F	F
Bis(2-chloroethoxy)methane	108	91	63 - 128	13	60		
2,4-Dichlorophenol	108	86	59 - 124	19	60		
1,2,4-Trichlorobenzene	103	84	63 - 128	17	28		
Naphthalene	110	89	64 - 129	17	26		
4-Chloroaniline	106	88	20 - 181	15	60		
Hexachlorobutadiene	105	81	59 - 134	22	60		
4-Chloro-3-methylphenol	111	85	58 - 128	23	27		
2-Methylnaphthalene	113	88	65 - 125	22	27		
Hexachlorocyclopentadiene	68	54	30 - 132	18	60		
2,4,6-Trichlorophenol	107	85	66 - 131	19	60		
2,4,5-Trichlorophenol	112	97	64 - 124	10	60		
2-Chloronaphthalene	105	85	69 - 129	17	25		
2-Nitroaniline	112	93	58 - 133	14	60		
Dimethyl phthalate	111	93	65 - 125	14	60		
Acenaphthylene	111	91	69 - 129	17	28		
2,6-Dinitrotoluene	130	111	65 - 125	12	60	F	

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-22	Analysis Batch:	580-82189	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024469.D
Dilution:	1.0			Initial Weight/Volume:	10.4331 g
Date Analyzed:	03/14/2011 1052			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24938-22	Analysis Batch:	580-82189	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024470.D
Dilution:	1.0			Initial Weight/Volume:	10.0531 g
Date Analyzed:	03/14/2011 1113			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
3-Nitroaniline	117	92	80 - 165	21	60		
Acenaphthene	100	81	65 - 130	17	27		
2,4-Dinitrophenol	26	18	53 - 168	32	60	F	J F
4-Nitrophenol	110	87	47 - 172	19	33		
Dibenzofuran	101	82	70 - 125	17	60		
2,4-Dinitrotoluene	130	105	57 - 122	17	31	F	
Diethyl phthalate	108	84	64 - 129	21	26		
4-Chlorophenyl phenyl ether	97	79	65 - 130	17	60		
Fluorene	103	83	68 - 128	18	31		
4-Nitroaniline	135	103	70 - 150	23	60		
4,6-Dinitro-2-methylphenol	50	35	38 - 143	32	60		F
N-Nitrosodiphenylamine	99	78	88 - 153	20	60		F
4-Bromophenyl phenyl ether	89	69	64 - 134	21	60		
Hexachlorobenzene	85	65	61 - 136	23	60		
Pentachlorophenol	95	70	29 - 124	27	68		
Phenanthrene	92	70	65 - 125	23	28		
Anthracene	95	74	73 - 123	21	27		
Di-n-butyl phthalate	92	70	69 - 124	24	60		
Fluoranthene	96	73	61 - 121	23	36		
Pyrene	93	69	54 - 134	26	31		
Butyl benzyl phthalate	102	82	65 - 140	19	60		
3,3'-Dichlorobenzidine	112	83	73 - 163	26	60		
Benzo[a]anthracene	90	71	64 - 124	20	27		
Chrysene	87	67	71 - 126	22	26		F
Bis(2-ethylhexyl) phthalate	98	80	64 - 144	16	60	J	J
Di-n-octyl phthalate	92	77	58 - 148	14	31		
Benzo[a]pyrene	94	73	68 - 128	21	30		
Indeno[1,2,3-cd]pyrene	87	65	59 - 139	26	29		
Dibenz(a,h)anthracene	91	67	57 - 142	26	30		
Benzo[g,h,i]perylene	78	56	57 - 142	29	28		F
Carbazole	112	83	88 - 158	26	60		F
1-Methylnaphthalene	108	86	48 - 148	19	30		

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-22	Analysis Batch:	580-82189	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024469.D
Dilution:	1.0			Initial Weight/Volume:	10.4331 g
Date Analyzed:	03/14/2011 1052			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24938-22	Analysis Batch:	580-82189	Instrument ID:	TAC040
Client Matrix:	Solid	Prep Batch:	580-82166	Lab File ID:	ak024470.D
Dilution:	1.0			Initial Weight/Volume:	10.0531 g
Date Analyzed:	03/14/2011 1113			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1231			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[b]fluoranthene	89	64	66 - 136	29	31		F
Benzo[k]fluoranthene	88	74	63 - 143	13	31		
2,2'-oxybis[1-chloropropane]	118	97	44 - 140	16	60		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	113	94	36 - 145
Phenol-d5	114	95	38 - 149
Nitrobenzene-d5	112	97	38 - 141
2-Fluorobiphenyl	103	83	42 - 140
2,4,6-Tribromophenol	102	78	28 - 143
Terphenyl-d14	77	57	42 - 151

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-22	Units: ug/Kg	MSD Lab Sample ID:	580-24938-22	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/14/2011 1052		Date Analyzed:	03/14/2011 1113	
Date Prepared:	03/12/2011 1231		Date Prepared:	03/12/2011 1231	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	ND	1190	1230	1440		1250	
Bis(2-chloroethyl)ether	ND	1210	1250	1220		1050	
2-Chlorophenol	ND	1210	1250	1360		1200	
1,3-Dichlorobenzene	ND	1210	1250	1290		1170	
1,4-Dichlorobenzene	ND	1210	1250	1320		1170	
Benzyl alcohol	ND	1210	1250	789		602	
1,2-Dichlorobenzene	ND	1210	1250	1310		1160	
2-Methylphenol	ND	1210	1250	1530	F	1230	
3 & 4 Methylphenol	ND	1220	1260	1450		1280	
N-Nitrosodi-n-propylamine	ND	1200	1250	1480		1260	
Hexachloroethane	ND	1210	1250	1220		1070	
Nitrobenzene	ND	1210	1250	1680	F	1440	
Isophorone	ND	1210	1250	1750	F	1480	
2-Nitrophenol	ND	1230	1270	1270		1110	
2,4-Dimethylphenol	ND	1190	1230	1270		1010	
Benzoic acid	ND	6040	6270	ND	F	ND	F
Bis(2-chloroethoxy)methane	ND	1210	1250	1300		1140	
2,4-Dichlorophenol	ND	1190	1230	1280		1060	
1,2,4-Trichlorobenzene	ND	1220	1260	1250		1060	
Naphthalene	ND	1190	1240	1300		1100	
4-Chloroaniline	ND	1220	1260	1290		1110	
Hexachlorobutadiene	ND	1220	1260	1280		1020	
4-Chloro-3-methylphenol	ND	1220	1260	1350		1070	
2-Methylnaphthalene	ND	1220	1270	1380		1110	
Hexachlorocyclopentadiene	ND	1200	1250	815		681	
2,4,6-Trichlorophenol	ND	1210	1260	1300		1070	
2,4,5-Trichlorophenol	ND	1210	1260	1360		1220	
2-Chloronaphthalene	ND	1210	1250	1260		1060	
2-Nitroaniline	ND	1220	1260	1360		1180	
Dimethyl phthalate	ND	1210	1260	1340		1170	
Acenaphthylene	ND	1190	1240	1330		1130	
2,6-Dinitrotoluene	ND	1210	1250	1560	F	1380	
3-Nitroaniline	ND	1210	1250	1420		1150	
Acenaphthene	ND	1190	1240	1190		1010	
2,4-Dinitrophenol	ND	6020	6240	1560	F	1130	J F
4-Nitrophenol	ND	5990	6220	6580		5420	
Dibenzofuran	ND	1210	1260	1230		1030	
2,4-Dinitrotoluene	ND	1210	1250	1570	F	1320	
Diethyl phthalate	ND	1210	1250	1310		1050	
4-Chlorophenyl phenyl ether	ND	1210	1250	1170		987	
Fluorene	ND	1200	1250	1230		1030	

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82166

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-24938-22	Units: ug/Kg	MSD Lab Sample ID:	580-24938-22	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/14/2011 1052		Date Analyzed:	03/14/2011 1113	
Date Prepared:	03/12/2011 1231		Date Prepared:	03/12/2011 1231	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	ND		1210	1250	1630		1290	
4,6-Dinitro-2-methylphenol	ND		6070	6300	3060		2230	F
N-Nitrosodiphenylamine	ND		1200	1250	1190		977	F
4-Bromophenyl phenyl ether	ND		1210	1250	1070		867	
Hexachlorobenzene	ND		1210	1250	1030		819	
Pentachlorophenol	ND		1190	1230	1130		864	
Phenanthrene	6.8	J	1200	1250	1110		877	
Anthracene	ND		1200	1240	1140		927	
Di-n-butyl phthalate	ND		1210	1250	1110		880	
Fluoranthene	ND		1200	1250	1150		911	
Pyrene	ND		1210	1260	1130		864	
Butyl benzyl phthalate	ND		1210	1260	1240		1030	
3,3'-Dichlorobenzidine	ND		2410	2500	2690		2080	
Benzo[a]anthracene	ND		1200	1240	1080		880	
Chrysene	ND		1200	1240	1040		834	F
Bis(2-ethylhexyl) phthalate	ND		1210	1260	1190	J	1010	J
Di-n-octyl phthalate	ND		1210	1250	1110		962	
Benzo[a]pyrene	ND		1190	1240	1120		910	
Indeno[1,2,3-cd]pyrene	ND		1200	1250	1050		807	
Dibenz(a,h)anthracene	ND		1200	1250	1100		843	
Benzo[g,h,i]perylene	ND		1200	1240	934		700	F
Carbazole	ND		1210	1250	1350		1030	F
1-Methylnaphthalene	ND		1200	1250	1300		1070	
Benzo[b]fluoranthene	ND		1190	1240	1060		792	F
Benzo[k]fluoranthene	ND		1190	1240	1040		913	
2,2'-oxybis[1-chloropropane]	ND		1200	1250	1420		1210	

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82167

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 580-82167/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1826
Date Prepared: 03/12/2011 1232

Analysis Batch: 580-82183
Prep Batch: 580-82167
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155291.D
Initial Weight/Volume: 10.0 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	ND		0.0032	0.010
PCB-1221	ND		0.0080	0.010
PCB-1232	ND		0.0070	0.010
PCB-1242	ND		0.0021	0.010
PCB-1248	ND		0.0030	0.010
PCB-1254	ND		0.0021	0.010
PCB-1260	ND		0.0030	0.010

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	100	45 - 155
DCB Decachlorobiphenyl	108	60 - 125

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82167

Method: 8082
Preparation: 3550B

LCS Lab Sample ID: LCS 580-82167/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1937
Date Prepared: 03/12/2011 1232

Analysis Batch: 580-82183
Prep Batch: 580-82167
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155296.D
Initial Weight/Volume: 10.0 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 580-82167/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2011 1951
Date Prepared: 03/12/2011 1232

Analysis Batch: 580-82183
Prep Batch: 580-82167
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155297.D
Initial Weight/Volume: 10.0 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	90	81	40 - 140	11	20		
PCB-1260	91	85	60 - 130	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	98	76	45 - 155
DCB Decachlorobiphenyl	103	82	60 - 125

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82167

Method: 8082
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-82167/2-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 580-82167/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/13/2011 1937			Date Analyzed:	03/13/2011 1951
Date Prepared:	03/12/2011 1232			Date Prepared:	03/12/2011 1232

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	0.100	0.100	0.0900	0.0807
PCB-1260	0.100	0.100	0.0907	0.0847

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82167

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	580-24938-23	Analysis Batch:	580-82183	Instrument ID:	TAC042
Client Matrix:	Solid	Prep Batch:	580-82167	Lab File ID:	CC155303.D
Dilution:	1.0			Initial Weight/Volume:	10.2441 g
Date Analyzed:	03/13/2011 2116			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1232			Injection Volume:	1 uL
				Column ID:	PRIMARY

MSD Lab Sample ID:	580-24938-23	Analysis Batch:	580-82183	Instrument ID:	TAC042
Client Matrix:	Solid	Prep Batch:	580-82167	Lab File ID:	CC155304.D
Dilution:	1.0			Initial Weight/Volume:	10.0864 g
Date Analyzed:	03/13/2011 2130			Final Weight/Volume:	10 mL
Date Prepared:	03/12/2011 1232			Injection Volume:	1 uL
				Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	72	76	40 - 140	8	20		
PCB-1260	68	75	60 - 130	11	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	76	82	45 - 155
DCB Decachlorobiphenyl	78	86	60 - 125

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82167

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	580-24938-23	Units: mg/Kg	MSD Lab Sample ID:	580-24938-23	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/13/2011 2116		Date Analyzed:	03/13/2011 2130	
Date Prepared:	03/12/2011 1232		Date Prepared:	03/12/2011 1232	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	ND	0.129	0.131	0.0922	0.100
PCB-1260	ND	0.129	0.131	0.0878	0.0977

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82225

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 580-82225/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 1708
Date Prepared: 03/14/2011 1203

Analysis Batch: 580-82198
Prep Batch: 580-82225
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155377.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	ND		0.0032	0.010
PCB-1221	ND		0.0080	0.010
PCB-1232	ND		0.0070	0.010
PCB-1242	ND		0.0021	0.010
PCB-1248	ND		0.0030	0.010
PCB-1254	ND		0.0021	0.010
PCB-1260	ND		0.0030	0.010

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	94	45 - 155
DCB Decachlorobiphenyl	100	60 - 125

Lab Control Sample - Batch: 580-82225

Method: 8082
Preparation: 3550B

Lab Sample ID: LCS 580-82225/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 1723
Date Prepared: 03/14/2011 1203

Analysis Batch: 580-82198
Prep Batch: 580-82225
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155378.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.100	0.0826	83	40 - 140	
PCB-1260	0.100	0.0914	91	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	91	45 - 155
DCB Decachlorobiphenyl	99	60 - 125

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82225

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	580-24938-1	Analysis Batch: 580-82198	Instrument ID: TAC042
Client Matrix:	Solid	Prep Batch: 580-82225	Lab File ID: CC155380.D
Dilution:	1.0		Initial Weight/Volume: 10.1977 g
Date Analyzed:	03/14/2011 1751		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1203		Injection Volume: 1 uL
			Column ID: PRIMARY

MSD Lab Sample ID:	580-24938-1	Analysis Batch: 580-82198	Instrument ID: TAC042
Client Matrix:	Solid	Prep Batch: 580-82225	Lab File ID: CC155381.D
Dilution:	1.0		Initial Weight/Volume: 10.1726 g
Date Analyzed:	03/14/2011 1805		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1203		Injection Volume: 1 uL
			Column ID: PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	77	75	40 - 140	2	20		
PCB-1260	74	71	60 - 130	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	68	67	45 - 155
DCB Decachlorobiphenyl	68	63	60 - 125

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82225

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	580-24938-1	Units: mg/Kg	MSD Lab Sample ID: 580-24938-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/14/2011 1751		Date Analyzed: 03/14/2011 1805
Date Prepared:	03/14/2011 1203		Date Prepared: 03/14/2011 1203

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	ND	0.124	0.124	0.0948	0.0932
PCB-1260	ND	0.124	0.124	0.0910	0.0874

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82169

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 580-82169/23-A
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 0931
Date Prepared: 03/12/2011 1312

Analysis Batch: 580-82234
Prep Batch: 580-82169
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.37	0.50
Antimony	0.0125	J	0.0080	0.20
Barium	ND		0.012	0.20
Beryllium	ND		0.022	0.20
Cadmium	ND		0.0080	0.20
Chromium	ND		0.072	0.20
Copper	ND		0.098	0.20
Lead	ND		0.0080	0.20
Molybdenum	ND		0.018	0.40
Nickel	ND		0.018	0.20
Selenium	ND		0.60	0.70
Silver	ND		0.0070	0.20
Tin	0.0185	J	0.012	0.50
Zinc	ND		0.20	0.70

LCS-Certified Reference Material - Batch:

Method: 6020
Preparation: 3050B

Lab Sample ID: LCSSRM 580-82169/26-A
Client Matrix: Solid
Dilution: 20
Date Analyzed: 03/14/2011 1017
Date Prepared: 03/12/2011 1312

Analysis Batch: 580-82234
Prep Batch: 580-82169
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 0.4983 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	109	114	104	71.1 - 128.9	
Antimony	121	203	168	21.0 - 251.6	
Barium	325	294	90	74.7 - 125.5	
Beryllium	92.1	78.2	85	75.3 - 124.7	
Cadmium	110	104	95	73.2 - 126.8	
Chromium	93.4	93.8	100	69.9 - 129.8	
Copper	84.7	75.0	89	73.2 - 126.8	
Lead	152	169	111	75.3 - 125.1	
Molybdenum	82.5	83.6	101	70.1 - 131.8	
Nickel	109	113	104	73.8 - 126.7	
Selenium	207	218	105	67.1 - 132.7	
Silver	51.9	48.7	94	65.6 - 134.4	
Tin	135	128	95	60.4 - 139.6	
Zinc	299	299	100	72.2 - 127.8	

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82169

Method: 6020
Preparation: 3050B

LCS Lab Sample ID:	LCS 580-82169/24-A	Analysis Batch:	580-82234	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82169	Lab File ID:	82127-ICPMS.rep
Dilution:	50	Units:	mg/Kg	Initial Weight/Volume:	1.0 g
Date Analyzed:	03/14/2011 1006			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

LCSD Lab Sample ID:	LCSD 580-82169/25-A	Analysis Batch:	580-82234	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82169	Lab File ID:	82127-ICPMS.rep
Dilution:	50	Units:	mg/Kg	Initial Weight/Volume:	1.0 g
Date Analyzed:	03/14/2011 1012			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Arsenic	100	100	80 - 120	0	20		
Antimony	89	91	80 - 120	2	20		
Barium	89	91	80 - 120	2	20		
Beryllium	88	91	80 - 120	3	20		
Cadmium	98	91	80 - 120	8	20		
Chromium	98	97	80 - 120	1	20		
Copper	106	106	80 - 120	0	20		
Lead	105	106	80 - 120	1	20		
Molybdenum	89	90	80 - 120	2	20		
Nickel	99	102	80 - 120	3	20		
Selenium	101	101	80 - 120	0	20		
Silver	93	94	80 - 120	1	20		
Tin	91	93	80 - 120	2	20		
Zinc	95	96	80 - 120	1	20		

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82169

Method: 6020
Preparation: 3050B

LCS Lab Sample ID:	LCS 580-82169/24-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 580-82169/25-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Date Analyzed:	03/14/2011 1006			Date Analyzed:	03/14/2011 1012
Date Prepared:	03/12/2011 1312			Date Prepared:	03/12/2011 1312

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Arsenic	200	200	201	201
Antimony	150	150	134	136
Barium	200	200	178	182
Beryllium	5.00	5.00	4.42	4.55
Cadmium	5.00	5.00	4.90	4.54
Chromium	20.0	20.0	19.6	19.5
Copper	25.0	25.0	26.5	26.6
Lead	50.0	50.0	52.4	53.1
Molybdenum	250	250	222	225
Nickel	50.0	50.0	49.4	51.0
Selenium	200	200	202	202
Silver	30.0	30.0	28.0	28.3
Tin	250	250	229	234
Zinc	50.0	50.0	47.6	48.1

Client: MWH Americas Inc

Job Number: 580-24938-1

Post Digestion Spike - Batch: 580-82169

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24938-1
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/14/2011 1001
Date Prepared: 03/12/2011 1312

Analysis Batch: 580-82234
Prep Batch: 580-82169
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.2952 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	5.2		195	195	97	75 - 125	
Antimony	0.074	J	146	133	91	75 - 125	
Barium	150		195	311	82	75 - 125	
Beryllium	0.39		4.87	4.97	94	75 - 125	
Cadmium	0.11	J	4.87	4.51	90	75 - 125	
Chromium	10		19.5	27.9	89	75 - 125	
Copper	20		24.3	42.0	92	75 - 125	
Lead	13		48.7	62.3	100	75 - 125	
Molybdenum	0.37	J	243	218	89	75 - 125	
Nickel	9.4		48.7	55.9	96	75 - 125	
Selenium	ND		195	192	99	75 - 125	
Silver	0.12	J	29.2	27.4	93	75 - 125	
Tin	0.49		243	222	91	75 - 125	
Zinc	43		48.7	86.2	88	75 - 125	

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82169

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	580-24938-1	Analysis Batch:	580-82234	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82169	Lab File ID:	82127-ICPMS.rep
Dilution:	50			Initial Weight/Volume:	1.3235 g
Date Analyzed:	03/14/2011 0951			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

MSD Lab Sample ID:	580-24938-1	Analysis Batch:	580-82234	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82169	Lab File ID:	82127-ICPMS.rep
Dilution:	50			Initial Weight/Volume:	1.1964 g
Date Analyzed:	03/14/2011 0956			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1312				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	98	98	80 - 120	10	20		
Antimony	92	91	80 - 120	9	20		
Barium	79	87	80 - 120	10	20	F	
Beryllium	87	91	80 - 120	13	20		
Cadmium	96	94	80 - 120	8	20		
Chromium	90	95	80 - 120	10	20		
Copper	96	101	80 - 120	9	20		
Lead	100	102	80 - 120	9	20		
Molybdenum	89	90	80 - 120	12	20		
Nickel	94	97	80 - 120	11	20		
Selenium	99	100	80 - 120	11	20		
Silver	94	93	80 - 120	9	20		
Tin	91	91	80 - 120	10	20		
Zinc	90	91	80 - 120	5	20		

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82169

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	580-24938-1	Units: mg/Kg	MSD Lab Sample ID: 580-24938-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	50		Dilution: 50
Date Analyzed:	03/14/2011 0951		Date Analyzed: 03/14/2011 0956
Date Prepared:	03/12/2011 1312		Date Prepared: 03/12/2011 1312

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Arsenic	5.2		191	211	191		211
Antimony	0.074	J	143	158	132		145
Barium	150		191	211	302	F	335
Beryllium	0.39		4.76	5.27	4.52		5.17
Cadmium	0.11	J	4.76	5.27	4.70		5.07
Chromium	10		19.1	21.1	27.7		30.5
Copper	20		23.8	26.3	42.4		46.2
Lead	13		47.6	52.7	61.3		67.0
Molybdenum	0.37	J	238	263	212		238
Nickel	9.4		47.6	52.7	53.9		60.4
Selenium	ND		191	211	189		210
Silver	0.12	J	28.6	31.6	27.0		29.6
Tin	0.49		238	263	217		241
Zinc	43		47.6	52.7	86.3		91.2

Serial Dilution - Batch: 580-82169

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24938-1
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/14/2011 0936
Date Prepared: 03/12/2011 1312

Analysis Batch: 580-82234
Prep Batch: 580-82169
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.2952 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Arsenic	5.2		5.28	NC	10	
Antimony	0.074	J	0.0998	NC	10	J
Barium	150		156	3.3	10	
Beryllium	0.39		0.404	NC	10	J
Cadmium	0.11	J	0.0949	NC	10	J
Chromium	10		10.1	3.6	10	
Copper	20		21.0	7.4	10	
Lead	13		14.1	4.6	10	
Molybdenum	0.37	J	0.350	NC	10	J
Nickel	9.4		9.54	2.0	10	
Selenium	ND		ND	NC	10	
Silver	0.12	J	0.131	NC	10	J
Tin	0.49		0.458	NC	10	J
Zinc	43		45.0	3.7	10	

Duplicate - Batch: 580-82169

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24938-1
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 0946
Date Prepared: 03/12/2011 1312

Analysis Batch: 580-82234
Prep Batch: 580-82169
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.1637 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	5.2		5.74	10	20	
Antimony	0.074	J	0.0715	3	20	J
Barium	150		171	12	20	
Beryllium	0.39		0.444	13	20	
Cadmium	0.11	J	0.146	24	20	J
Chromium	10		12.0	13	20	
Copper	20		22.3	13	20	
Lead	13		15.2	12	20	
Molybdenum	0.37	J	0.394	6	20	J
Nickel	9.4		10.5	12	20	
Selenium	ND		ND	NC	20	
Silver	0.12	J	0.140	12	20	J
Tin	0.49		0.522	7	20	J

Client: MWH Americas Inc

Job Number: 580-24938-1

Duplicate - Batch: 580-82169

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24938-1
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 0946
Date Prepared: 03/12/2011 1312

Analysis Batch: 580-82234
Prep Batch: 580-82169
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82127-ICPMS.rep
Initial Weight/Volume: 1.1637 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Zinc	43	48.5	11	20	

Method Blank - Batch: 580-82170

Method: 6020
Preparation: 3050B

Lab Sample ID: MB 580-82170/23-A
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 1225
Date Prepared: 03/12/2011 1324

Analysis Batch: 580-82270
Prep Batch: 580-82170
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82170-ICPMS.rep
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.37	0.50
Antimony	ND		0.0080	0.20
Barium	0.0130	J	0.012	0.20
Beryllium	ND		0.022	0.20
Cadmium	ND		0.0080	0.20
Chromium	ND		0.072	0.20
Copper	ND		0.098	0.20
Lead	ND		0.0080	0.20
Molybdenum	ND		0.018	0.40
Nickel	ND		0.018	0.20
Selenium	ND		0.60	0.70
Silver	ND		0.0070	0.20
Tin	0.0220	J	0.012	0.50
Zinc	0.339	J	0.20	0.70

LCS-Certified Reference Material - Batch:

Method: 6020
Preparation: 3050B

Lab Sample ID: LCSSRM 580-82170/26-A
Client Matrix: Solid
Dilution: 20
Date Analyzed: 03/14/2011 1311
Date Prepared: 03/12/2011 1324

Analysis Batch: 580-82270
Prep Batch: 580-82170
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82170-ICPMS.rep
Initial Weight/Volume: 0.4946 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	109	113	104	71.1 - 128.9	
Antimony	121	204	168	21.0 - 251.6	
Barium	325	291	89	74.7 - 125.5	
Beryllium	92.1	80.9	88	75.3 - 124.7	
Cadmium	110	106	96	73.2 - 126.8	
Chromium	93.4	94.4	101	69.9 - 129.8	
Copper	84.7	73.8	87	73.2 - 126.8	
Lead	152	173	114	75.3 - 125.1	
Molybdenum	82.5	84.2	102	70.1 - 131.8	
Nickel	109	113	103	73.8 - 126.7	
Selenium	207	215	104	67.1 - 132.7	
Silver	51.9	47.7	92	65.6 - 134.4	
Tin	135	129	96	60.4 - 139.6	
Zinc	299	300	100	72.2 - 127.8	

Client: MWH Americas Inc

Job Number: 580-24938-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82170

Method: 6020
Preparation: 3050B

LCS Lab Sample ID:	LCS 580-82170/24-A	Analysis Batch:	580-82270	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82170	Lab File ID:	82170-ICPMS.rep
Dilution:	50	Units:	mg/Kg	Initial Weight/Volume:	1.0 g
Date Analyzed:	03/14/2011 1301			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

LCSD Lab Sample ID:	LCSD 580-82170/25-A	Analysis Batch:	580-82270	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82170	Lab File ID:	82170-ICPMS.rep
Dilution:	50	Units:	mg/Kg	Initial Weight/Volume:	1.0 g
Date Analyzed:	03/14/2011 1306			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Arsenic	99	101	80 - 120	2	20		
Antimony	90	89	80 - 120	1	20		
Barium	89	88	80 - 120	2	20		
Beryllium	91	92	80 - 120	1	20		
Cadmium	93	96	80 - 120	4	20		
Chromium	98	100	80 - 120	2	20		
Copper	104	105	80 - 120	1	20		
Lead	107	104	80 - 120	3	20		
Molybdenum	88	89	80 - 120	1	20		
Nickel	101	101	80 - 120	0	20		
Selenium	99	101	80 - 120	2	20		
Silver	93	93	80 - 120	1	20		
Tin	93	91	80 - 120	3	20		
Zinc	97	95	80 - 120	1	20		

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82170

Method: 6020
Preparation: 3050B

LCS Lab Sample ID:	LCS 580-82170/24-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 580-82170/25-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Date Analyzed:	03/14/2011 1301			Date Analyzed:	03/14/2011 1306
Date Prepared:	03/12/2011 1324			Date Prepared:	03/12/2011 1324

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Arsenic	200	200	198	202
Antimony	150	150	135	134
Barium	200	200	178	175
Beryllium	5.00	5.00	4.56	4.60
Cadmium	5.00	5.00	4.63	4.82
Chromium	20.0	20.0	19.6	19.9
Copper	25.0	25.0	26.1	26.3
Lead	50.0	50.0	53.4	51.9
Molybdenum	250	250	221	222
Nickel	50.0	50.0	50.4	50.6
Selenium	200	200	199	203
Silver	30.0	30.0	28.0	27.8
Tin	250	250	233	227
Zinc	50.0	50.0	48.3	47.7

Client: MWH Americas Inc

Job Number: 580-24938-1

Post Digestion Spike - Batch: 580-82170

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24938-21
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/14/2011 1256
Date Prepared: 03/12/2011 1324

Analysis Batch: 580-82270
Prep Batch: 580-82170
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82170-ICPMS.rep
Initial Weight/Volume: 1.1840 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	2.2		246	243	98	75 - 125	
Antimony	0.068	J	185	171	92	75 - 125	
Barium	110		246	316	83	75 - 125	
Beryllium	0.45		6.16	5.98	90	75 - 125	
Cadmium	0.053	J	6.16	6.02	97	75 - 125	
Chromium	12		24.6	34.3	92	75 - 125	
Copper	21		30.8	50.8	96	75 - 125	
Lead	4.7		61.6	69.1	104	75 - 125	
Molybdenum	0.35	J	308	273	89	75 - 125	
Nickel	9.2		61.6	67.6	95	75 - 125	
Selenium	ND		246	242	98	75 - 125	
Silver	0.15	J	37.0	33.7	91	75 - 125	
Tin	0.59	J	308	281	91	75 - 125	
Zinc	41		61.6	93.8	86	75 - 125	

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82170

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	580-24938-21	Analysis Batch:	580-82270	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82170	Lab File ID:	82170-ICPMS.rep
Dilution:	50			Initial Weight/Volume:	1.0762 g
Date Analyzed:	03/14/2011 1246			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

MSD Lab Sample ID:	580-24938-21	Analysis Batch:	580-82270	Instrument ID:	SEA026
Client Matrix:	Solid	Prep Batch:	580-82170	Lab File ID:	82170-ICPMS.rep
Dilution:	50			Initial Weight/Volume:	1.0873 g
Date Analyzed:	03/14/2011 1251			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1324				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	99	100	80 - 120	0	20		
Antimony	93	92	80 - 120	2	20		
Barium	86	86	80 - 120	1	20		
Beryllium	90	94	80 - 120	3	20		
Cadmium	94	89	80 - 120	6	20		
Chromium	98	98	80 - 120	1	20		
Copper	102	104	80 - 120	1	20		
Lead	106	106	80 - 120	1	20		
Molybdenum	88	88	80 - 120	0	20		
Nickel	97	98	80 - 120	0	20		
Selenium	100	100	80 - 120	1	20		
Silver	92	92	80 - 120	1	20		
Tin	90	91	80 - 120	0	20		
Zinc	98	96	80 - 120	2	20		

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82170

Method: 6020
Preparation: 3050B

MS Lab Sample ID:	580-24938-21	Units: mg/Kg	MSD Lab Sample ID: 580-24938-21
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	50		Dilution: 50
Date Analyzed:	03/14/2011 1246		Date Analyzed: 03/14/2011 1251
Date Prepared:	03/12/2011 1324		Date Prepared: 03/12/2011 1324

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Arsenic	2.2		271	268	270	270
Antimony	0.068	J	203	201	188	185
Barium	110		271	268	342	340
Beryllium	0.45		6.78	6.71	6.53	6.74
Cadmium	0.053	J	6.78	6.71	6.43	6.05
Chromium	12		27.1	26.8	38.3	38.0
Copper	21		33.9	33.5	55.7	56.0
Lead	4.7		67.8	67.1	76.4	75.9
Molybdenum	0.35	J	339	335	297	297
Nickel	9.2		67.8	67.1	74.9	74.9
Selenium	ND		271	268	272	270
Silver	0.15	J	40.7	40.2	37.6	37.2
Tin	0.59	J	339	335	306	306
Zinc	41		67.8	67.1	107	105

Client: MWH Americas Inc

Job Number: 580-24938-1

Serial Dilution - Batch: 580-82170

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24938-21
Client Matrix: Solid
Dilution: 50
Date Analyzed: 03/14/2011 1231
Date Prepared: 03/12/2011 1324

Analysis Batch: 580-82270
Prep Batch: 580-82170
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82170-ICPMS.rep
Initial Weight/Volume: 1.1840 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Arsenic	2.2		ND	NC	10	
Antimony	0.068	J	0.0801	NC	10	J
Barium	110		113	2.8	10	
Beryllium	0.45		0.450	NC	10	J
Cadmium	0.053	J	ND	NC	10	
Chromium	12		11.0	5.6	10	
Copper	21		21.8	3.5	10	
Lead	4.7		5.16	9.0	10	
Molybdenum	0.35	J	0.397	NC	10	J
Nickel	9.2		9.23	0.19	10	
Selenium	ND		ND	NC	10	
Silver	0.15	J	0.136	NC	10	J
Tin	0.59	J	0.579	NC	10	J
Zinc	41		42.1	3.7	10	

Duplicate - Batch: 580-82170

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24938-21
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 1241
Date Prepared: 03/12/2011 1324

Analysis Batch: 580-82270
Prep Batch: 580-82170
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82170-ICPMS.rep
Initial Weight/Volume: 1.1632 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Arsenic	2.2		2.27	2	20	
Antimony	0.068	J	0.0665	2	20	J
Barium	110		114	3	20	
Beryllium	0.45		0.513	13	20	
Cadmium	0.053	J	0.0583	10	20	J
Chromium	12		11.9	2	20	
Copper	21		21.6	2	20	
Lead	4.7		5.00	5	20	
Molybdenum	0.35	J	0.358	3	20	J
Nickel	9.2		9.37	2	20	
Selenium	ND		ND	NC	20	
Silver	0.15	J	0.166	11	20	J
Tin	0.59	J	0.590	0.2	20	J

Client: MWH Americas Inc

Job Number: 580-24938-1

Duplicate - Batch: 580-82170

Method: 6020
Preparation: 3050B

Lab Sample ID: 580-24938-21
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 1241
Date Prepared: 03/12/2011 1324

Analysis Batch: 580-82270
Prep Batch: 580-82170
Units: mg/Kg

Instrument ID: SEA026
Lab File ID: 82170-ICPMS.rep
Initial Weight/Volume: 1.1632 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Zinc	41	42.2	4	20	

Client: MWH Americas Inc

Job Number: 580-24938-1

Method Blank - Batch: 580-82171

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 580-82171/23-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 1117
Date Prepared: 03/12/2011 1334

Analysis Batch: 580-82235
Prep Batch: 580-82171
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.0052	0.017

LCS-Certified Reference Material - Batch:

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCSSRM 580-82171/26-A
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 1125
Date Prepared: 03/12/2011 1334

Analysis Batch: 580-82235
Prep Batch: 580-82171
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.0930 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	16.3	17.3	106	51.1 - 148.9	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82171

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID: LCS 580-82171/24-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 1120
Date Prepared: 03/12/2011 1334

Analysis Batch: 580-82235
Prep Batch: 580-82171
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 580-82171/25-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 1122
Date Prepared: 03/12/2011 1334

Analysis Batch: 580-82235
Prep Batch: 580-82171
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	108	107	80 - 120	0	20		

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82171

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID:	LCS 580-82171/24-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 580-82171/25-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/14/2011 1120			Date Analyzed:	03/14/2011 1122
Date Prepared:	03/12/2011 1334			Date Prepared:	03/12/2011 1334

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.167	0.167	0.179	0.179

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82171

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	580-24938-21	Analysis Batch:	580-82235	Instrument ID:	TAC103
Client Matrix:	Solid	Prep Batch:	580-82171	Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.7157 g
Date Analyzed:	03/14/2011 1133			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

MSD Lab Sample ID:	580-24938-21	Analysis Batch:	580-82235	Instrument ID:	TAC103
Client Matrix:	Solid	Prep Batch:	580-82171	Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6320 g
Date Analyzed:	03/14/2011 1135			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1334				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	98	98	80 - 120	12	20		

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82171

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	580-24938-21	Units: mg/Kg	MSD Lab Sample ID: 580-24938-21
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/14/2011 1133		Date Analyzed: 03/14/2011 1135
Date Prepared:	03/12/2011 1334		Date Prepared: 03/12/2011 1334

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.013 J	0.204	0.231	0.212	0.239

Duplicate - Batch: 580-82171

Method: 7471A
Preparation: 7471A

Lab Sample ID:	580-24938-21	Analysis Batch: 580-82235	Instrument ID: TAC103
Client Matrix:	Solid	Prep Batch: 580-82171	Lab File ID: 82132-HG.CSV
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 0.7167 g
Date Analyzed:	03/14/2011 1130		Final Weight/Volume: 50 mL
Date Prepared:	03/12/2011 1334		

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.013 J	0.0137	7	20	J

Method Blank - Batch: 580-82172

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 580-82172/23-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0954
Date Prepared: 03/12/2011 1338

Analysis Batch: 580-82235
Prep Batch: 580-82172
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.0052	0.017

LCS-Certified Reference Material - Batch:

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCSSRM 580-82172/26-A
Client Matrix: Solid
Dilution: 10
Date Analyzed: 03/14/2011 1002
Date Prepared: 03/12/2011 1338

Analysis Batch: 580-82235
Prep Batch: 580-82172
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.0938 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	16.3	17.1	105	51.1 - 148.9	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82172

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID: LCS 580-82172/24-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 0957
Date Prepared: 03/12/2011 1338

Analysis Batch: 580-82235
Prep Batch: 580-82172
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 580-82172/25-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/14/2011 1000
Date Prepared: 03/12/2011 1338

Analysis Batch: 580-82235
Prep Batch: 580-82172
Units: mg/Kg

Instrument ID: TAC103
Lab File ID: 82132-HG.CSV
Initial Weight/Volume: 0.6 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	105	104	80 - 120	1	20		

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82172

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID:	LCS 580-82172/24-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 580-82172/25-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/14/2011 0957			Date Analyzed:	03/14/2011 1000
Date Prepared:	03/12/2011 1338			Date Prepared:	03/12/2011 1338

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.167	0.167	0.175	0.173

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82172

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	580-24938-1	Analysis Batch:	580-82235	Instrument ID:	TAC103
Client Matrix:	Solid	Prep Batch:	580-82172	Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6711 g
Date Analyzed:	03/14/2011 1010			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

MSD Lab Sample ID:	580-24938-1	Analysis Batch:	580-82235	Instrument ID:	TAC103
Client Matrix:	Solid	Prep Batch:	580-82172	Lab File ID:	82132-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	0.6962 g
Date Analyzed:	03/14/2011 1013			Final Weight/Volume:	50 mL
Date Prepared:	03/12/2011 1338				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	97	96	80 - 120	4	20		

Client: MWH Americas Inc

Job Number: 580-24938-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82172

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	580-24938-1	Units: mg/Kg	MSD Lab Sample ID: 580-24938-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/14/2011 1010		Date Analyzed: 03/14/2011 1013
Date Prepared:	03/12/2011 1338		Date Prepared: 03/12/2011 1338

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.014	J	0.188	0.181	0.196	0.189

Duplicate - Batch: 580-82172

Method: 7471A
Preparation: 7471A

Lab Sample ID:	580-24938-1	Analysis Batch: 580-82235	Instrument ID: TAC103
Client Matrix:	Solid	Prep Batch: 580-82172	Lab File ID: 82132-HG.CSV
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 0.6193 g
Date Analyzed:	03/14/2011 1007		Final Weight/Volume: 50 mL
Date Prepared:	03/12/2011 1338		

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.014	J	0.0152	9	20	J

Client: MWH Americas Inc

Job Number: 580-24938-1

Duplicate - Batch: 580-82162

Method: Moisture
Preparation: N/A

Lab Sample ID: 580-24938-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/12/2011 1213
Date Prepared: N/A

Analysis Batch: 580-82162
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	79	80	0.6	20	
Percent Moisture	21	20	2	20	

Client: MWH Americas Inc

Job Number: 580-24938-1

Duplicate - Batch: 580-82168

Method: Moisture
Preparation: N/A

Lab Sample ID: 580-24938-21
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/12/2011 1233
Date Prepared: N/A

Analysis Batch: 580-82168
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	69	69	0.5	20	
Percent Moisture	31	31	1	20	

DATA REPORTING QUALIFIERS

Client: MWH Americas Inc Job Number: 580-24938-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate is outside control limits
GC Semi VOA		
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	I	Indicates the presence of an interference, recovery is not calculated.
	X	Surrogate is outside control limits

DATA REPORTING QUALIFIERS

Client: MWH Americas Inc Job Number: 580-24938-1

Lab Section	Qualifier	Description
Metals		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 580-82175					
LCS 580-82175/2-A	Lab Control Sample	T	Solid	5035	
MB 580-82175/1-A	Method Blank	T	Solid	5035	
580-24938-1	YK-SB08(0-1)	T	Solid	5035	
580-24938-1MS	Matrix Spike	T	Solid	5035	
580-24938-1MSD	Matrix Spike Duplicate	T	Solid	5035	
580-24938-2	YK-SB08(4-5)	T	Solid	5035	
580-24938-3	YK-SB14(0-1)	T	Solid	5035	
580-24938-4	YK-SB14(4-5)	T	Solid	5035	
580-24938-5	YK-SB06(0-1)	T	Solid	5035	
580-24938-6	YK-SB06(4-5)	T	Solid	5035	
580-24938-7	YK-SB15(0-1)	T	Solid	5035	
580-24938-8	YK-SB15(4-5)	T	Solid	5035	
580-24938-9	YK-Methanol Blank	T	Solid	5035	
580-24938-10	YK-MW-6(4-5)	T	Solid	5035	
580-24938-11	YK-MW-6(4-5)D	T	Solid	5035	
580-24938-12	YK-SB07(0-1)	T	Solid	5035	
580-24938-13	YK-MW-7(0-1)	T	Solid	5035	
580-24938-14	YK-MW-7(4-5)	T	Solid	5035	
580-24938-15RA	YK-MW-5(0-1)	T	Solid	5035	
580-24938-16RA	YK-MW-5(2-3)	T	Solid	5035	
580-24938-17RA	YK-SB16(0-1)	T	Solid	5035	
580-24938-18RA	YK-SB16(3-4)	T	Solid	5035	
580-24938-19RA	YK-SB17(0-1)	T	Solid	5035	
580-24938-20RA	YK-SB17(0-1)D	T	Solid	5035	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 580-82176					
LCS 580-82176/2-A	Lab Control Sample	T	Solid	5035	
MB 580-82176/1-A	Method Blank	T	Solid	5035	
580-24938-21	YK-SB17(3-4)	T	Solid	5035	
580-24938-21MS	Matrix Spike	T	Solid	5035	
580-24938-21MSD	Matrix Spike Duplicate	T	Solid	5035	
580-24938-22	YK-SB18(0-1)	T	Solid	5035	
580-24938-23	YK-SB18(3-4)	T	Solid	5035	
580-24938-24	YK-MW-6(0-1)	T	Solid	5035	
580-24938-25	YK-SB07(3-4)	T	Solid	5035	
580-24938-26	YK-SB01(0-1)	T	Solid	5035	
580-24938-27	YK-SB01(4-5)	T	Solid	5035	
580-24938-28	YK-SB02(0-1)	T	Solid	5035	
580-24938-29	YK-SB02(3-4)	T	Solid	5035	
580-24938-30	YK-SB03(0-1)	T	Solid	5035	
580-24938-31	YK-SB03(3-4)	T	Solid	5035	
580-24938-32	YK-SB04(0-1)	T	Solid	5035	
580-24938-33	YK-SB04(4-5)	T	Solid	5035	
580-24938-34	YK-SB13(0-1)	T	Solid	5035	
580-24938-35	YK-SB13(7-8)	T	Solid	5035	
580-24938-36	YK-SB11(0-1)	T	Solid	5035	
580-24938-37	YK-SB11(3-4)	T	Solid	5035	
580-24938-38	YK-SB12(0-1)	T	Solid	5035	
580-24938-39	YK-SB10(0-1)	T	Solid	5035	
580-24938-40	YK-Methanol Blank	T	Solid	5035	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:580-82177					
MB 580-82176/1-A	Method Blank	T	Solid	8260B	580-82176
580-24938-22	YK-SB18(0-1)	T	Solid	8260B	580-82176
580-24938-23	YK-SB18(3-4)	T	Solid	8260B	580-82176
580-24938-24	YK-MW-6(0-1)	T	Solid	8260B	580-82176
580-24938-25	YK-SB07(3-4)	T	Solid	8260B	580-82176
580-24938-26	YK-SB01(0-1)	T	Solid	8260B	580-82176
580-24938-27	YK-SB01(4-5)	T	Solid	8260B	580-82176
580-24938-28	YK-SB02(0-1)	T	Solid	8260B	580-82176
580-24938-29	YK-SB02(3-4)	T	Solid	8260B	580-82176
580-24938-30	YK-SB03(0-1)	T	Solid	8260B	580-82176
580-24938-31	YK-SB03(3-4)	T	Solid	8260B	580-82176
580-24938-32	YK-SB04(0-1)	T	Solid	8260B	580-82176
580-24938-33	YK-SB04(4-5)	T	Solid	8260B	580-82176
580-24938-34	YK-SB13(0-1)	T	Solid	8260B	580-82176
580-24938-35	YK-SB13(7-8)	T	Solid	8260B	580-82176
580-24938-36	YK-SB11(0-1)	T	Solid	8260B	580-82176
580-24938-37	YK-SB11(3-4)	T	Solid	8260B	580-82176
580-24938-38	YK-SB12(0-1)	T	Solid	8260B	580-82176
580-24938-39	YK-SB10(0-1)	T	Solid	8260B	580-82176
580-24938-40	YK-Methanol Blank	T	Solid	8260B	580-82176
Analysis Batch:580-82178					
LCS 580-82175/2-A	Lab Control Sample	T	Solid	8260B	580-82175
MB 580-82175/1-A	Method Blank	T	Solid	8260B	580-82175
LCS 580-82176/2-A	Lab Control Sample	T	Solid	8260B	580-82176
MB 580-82176/1-A	Method Blank	T	Solid	8260B	580-82176
580-24938-1	YK-SB08(0-1)	T	Solid	8260B	580-82175
580-24938-1MS	Matrix Spike	T	Solid	8260B	580-82175
580-24938-1MSD	Matrix Spike Duplicate	T	Solid	8260B	580-82175
580-24938-2	YK-SB08(4-5)	T	Solid	8260B	580-82175
580-24938-3	YK-SB14(0-1)	T	Solid	8260B	580-82175
580-24938-4	YK-SB14(4-5)	T	Solid	8260B	580-82175
580-24938-5	YK-SB06(0-1)	T	Solid	8260B	580-82175
580-24938-6	YK-SB06(4-5)	T	Solid	8260B	580-82175
580-24938-7	YK-SB15(0-1)	T	Solid	8260B	580-82175
580-24938-8	YK-SB15(4-5)	T	Solid	8260B	580-82175
580-24938-9	YK-Methanol Blank	T	Solid	8260B	580-82175
580-24938-10	YK-MW-6(4-5)	T	Solid	8260B	580-82175
580-24938-11	YK-MW-6(4-5)D	T	Solid	8260B	580-82175
580-24938-12	YK-SB07(0-1)	T	Solid	8260B	580-82175
580-24938-13	YK-MW-7(0-1)	T	Solid	8260B	580-82175
580-24938-14	YK-MW-7(4-5)	T	Solid	8260B	580-82175
580-24938-21	YK-SB17(3-4)	T	Solid	8260B	580-82176
580-24938-21MS	Matrix Spike	T	Solid	8260B	580-82176
580-24938-21MSD	Matrix Spike Duplicate	T	Solid	8260B	580-82176

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:580-82301					
MB 580-82175/1-A	Method Blank	T	Solid	8260B	580-82175
580-24938-15RA	YK-MW-5(0-1)	T	Solid	8260B	580-82175
580-24938-16RA	YK-MW-5(2-3)	T	Solid	8260B	580-82175
580-24938-17RA	YK-SB16(0-1)	T	Solid	8260B	580-82175
580-24938-18RA	YK-SB16(3-4)	T	Solid	8260B	580-82175
580-24938-19RA	YK-SB17(0-1)	T	Solid	8260B	580-82175
580-24938-20RA	YK-SB17(0-1)D	T	Solid	8260B	580-82175

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 580-82163					
LCS 580-82163/2-A	Lab Control Sample	T	Solid	3550B	
LCSD 580-82163/3-A	Lab Control Sample Duplicate	T	Solid	3550B	
MB 580-82163/1-A	Method Blank	T	Solid	3550B	
580-24938-1	YK-SB08(0-1)	T	Solid	3550B	
580-24938-2	YK-SB08(4-5)	T	Solid	3550B	
580-24938-3	YK-SB14(0-1)	T	Solid	3550B	
580-24938-4	YK-SB14(4-5)	T	Solid	3550B	
580-24938-4MS	Matrix Spike	T	Solid	3550B	
580-24938-4MSD	Matrix Spike Duplicate	T	Solid	3550B	
580-24938-5	YK-SB06(0-1)	T	Solid	3550B	
580-24938-6	YK-SB06(4-5)	T	Solid	3550B	
580-24938-7	YK-SB15(0-1)	T	Solid	3550B	
580-24938-8	YK-SB15(4-5)	T	Solid	3550B	
580-24938-10	YK-MW-6(4-5)	T	Solid	3550B	
580-24938-11	YK-MW-6(4-5)D	T	Solid	3550B	
580-24938-12	YK-SB07(0-1)	T	Solid	3550B	
580-24938-13	YK-MW-7(0-1)	T	Solid	3550B	
580-24938-14	YK-MW-7(4-5)	T	Solid	3550B	
580-24938-15	YK-MW-5(0-1)	T	Solid	3550B	
580-24938-16	YK-MW-5(2-3)	T	Solid	3550B	
580-24938-17	YK-SB16(0-1)	T	Solid	3550B	
580-24938-18	YK-SB16(3-4)	T	Solid	3550B	
580-24938-19	YK-SB17(0-1)	T	Solid	3550B	
580-24938-20	YK-SB17(0-1)D	T	Solid	3550B	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 580-82166					
LCS 580-82166/2-A	Lab Control Sample	T	Solid	3550B	
LCSD 580-82166/3-A	Lab Control Sample Duplicate	T	Solid	3550B	
MB 580-82166/1-A	Method Blank	T	Solid	3550B	
580-24938-21	YK-SB17(3-4)	T	Solid	3550B	
580-24938-22	YK-SB18(0-1)	T	Solid	3550B	
580-24938-22MS	Matrix Spike	T	Solid	3550B	
580-24938-22MSD	Matrix Spike Duplicate	T	Solid	3550B	
580-24938-23	YK-SB18(3-4)	T	Solid	3550B	
580-24938-24	YK-MW-6(0-1)	T	Solid	3550B	
580-24938-25	YK-SB07(3-4)	T	Solid	3550B	
580-24938-26	YK-SB01(0-1)	T	Solid	3550B	
580-24938-27	YK-SB01(4-5)	T	Solid	3550B	
580-24938-28	YK-SB02(0-1)	T	Solid	3550B	
580-24938-29	YK-SB02(3-4)	T	Solid	3550B	
580-24938-30	YK-SB03(0-1)	T	Solid	3550B	
580-24938-31	YK-SB03(3-4)	T	Solid	3550B	
580-24938-32	YK-SB04(0-1)	T	Solid	3550B	
580-24938-33	YK-SB04(4-5)	T	Solid	3550B	
580-24938-34	YK-SB13(0-1)	T	Solid	3550B	
580-24938-35	YK-SB13(7-8)	T	Solid	3550B	
580-24938-36	YK-SB11(0-1)	T	Solid	3550B	
580-24938-37	YK-SB11(3-4)	T	Solid	3550B	
580-24938-38	YK-SB12(0-1)	T	Solid	3550B	
580-24938-39	YK-SB10(0-1)	T	Solid	3550B	
Analysis Batch:580-82179					
LCS 580-82166/2-A	Lab Control Sample	T	Solid	8270C	580-82166
LCSD 580-82166/3-A	Lab Control Sample Duplicate	T	Solid	8270C	580-82166
MB 580-82166/1-A	Method Blank	T	Solid	8270C	580-82166

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:580-82189					
580-24938-21	YK-SB17(3-4)	T	Solid	8270C	580-82166
580-24938-22	YK-SB18(0-1)	T	Solid	8270C	580-82166
580-24938-22MS	Matrix Spike	T	Solid	8270C	580-82166
580-24938-22MSD	Matrix Spike Duplicate	T	Solid	8270C	580-82166
580-24938-23	YK-SB18(3-4)	T	Solid	8270C	580-82166
580-24938-24	YK-MW-6(0-1)	T	Solid	8270C	580-82166
580-24938-25	YK-SB07(3-4)	T	Solid	8270C	580-82166
580-24938-26	YK-SB01(0-1)	T	Solid	8270C	580-82166
580-24938-27	YK-SB01(4-5)	T	Solid	8270C	580-82166
580-24938-28	YK-SB02(0-1)	T	Solid	8270C	580-82166
580-24938-29	YK-SB02(3-4)	T	Solid	8270C	580-82166
580-24938-30	YK-SB03(0-1)	T	Solid	8270C	580-82166
580-24938-31	YK-SB03(3-4)	T	Solid	8270C	580-82166
580-24938-32	YK-SB04(0-1)	T	Solid	8270C	580-82166
580-24938-33	YK-SB04(4-5)	T	Solid	8270C	580-82166
580-24938-34	YK-SB13(0-1)	T	Solid	8270C	580-82166
580-24938-35	YK-SB13(7-8)	T	Solid	8270C	580-82166
580-24938-36	YK-SB11(0-1)	T	Solid	8270C	580-82166
580-24938-37	YK-SB11(3-4)	T	Solid	8270C	580-82166
580-24938-38	YK-SB12(0-1)	T	Solid	8270C	580-82166
580-24938-39	YK-SB10(0-1)	T	Solid	8270C	580-82166

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:580-82194					
LCS 580-82163/2-A	Lab Control Sample	T	Solid	8270C	580-82163
LCSD 580-82163/3-A	Lab Control Sample Duplicate	T	Solid	8270C	580-82163
MB 580-82163/1-A	Method Blank	T	Solid	8270C	580-82163
580-24938-1	YK-SB08(0-1)	T	Solid	8270C	580-82163
580-24938-2	YK-SB08(4-5)	T	Solid	8270C	580-82163
580-24938-3	YK-SB14(0-1)	T	Solid	8270C	580-82163
580-24938-4	YK-SB14(4-5)	T	Solid	8270C	580-82163
580-24938-4MS	Matrix Spike	T	Solid	8270C	580-82163
580-24938-4MSD	Matrix Spike Duplicate	T	Solid	8270C	580-82163
580-24938-5	YK-SB06(0-1)	T	Solid	8270C	580-82163
580-24938-6	YK-SB06(4-5)	T	Solid	8270C	580-82163
580-24938-7	YK-SB15(0-1)	T	Solid	8270C	580-82163
580-24938-8	YK-SB15(4-5)	T	Solid	8270C	580-82163
580-24938-10	YK-MW-6(4-5)	T	Solid	8270C	580-82163
580-24938-11	YK-MW-6(4-5)D	T	Solid	8270C	580-82163
580-24938-12	YK-SB07(0-1)	T	Solid	8270C	580-82163
580-24938-13	YK-MW-7(0-1)	T	Solid	8270C	580-82163
580-24938-14	YK-MW-7(4-5)	T	Solid	8270C	580-82163
580-24938-15	YK-MW-5(0-1)	T	Solid	8270C	580-82163
580-24938-16	YK-MW-5(2-3)	T	Solid	8270C	580-82163
580-24938-17	YK-SB16(0-1)	T	Solid	8270C	580-82163
580-24938-18	YK-SB16(3-4)	T	Solid	8270C	580-82163
580-24938-19	YK-SB17(0-1)	T	Solid	8270C	580-82163
580-24938-20	YK-SB17(0-1)D	T	Solid	8270C	580-82163

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 580-82167					
LCS 580-82167/2-A	Lab Control Sample	T	Solid	3550B	
LCSD 580-82167/3-A	Lab Control Sample Duplicate	T	Solid	3550B	
MB 580-82167/1-A	Method Blank	T	Solid	3550B	
580-24938-21	YK-SB17(3-4)	T	Solid	3550B	
580-24938-22	YK-SB18(0-1)	T	Solid	3550B	
580-24938-23	YK-SB18(3-4)	T	Solid	3550B	
580-24938-23MS	Matrix Spike	T	Solid	3550B	
580-24938-23MSD	Matrix Spike Duplicate	T	Solid	3550B	
580-24938-24	YK-MW-6(0-1)	T	Solid	3550B	
580-24938-25	YK-SB07(3-4)	T	Solid	3550B	
580-24938-26	YK-SB01(0-1)	T	Solid	3550B	
580-24938-27	YK-SB01(4-5)	T	Solid	3550B	
580-24938-28	YK-SB02(0-1)	T	Solid	3550B	
580-24938-29	YK-SB02(3-4)	T	Solid	3550B	
580-24938-30	YK-SB03(0-1)	T	Solid	3550B	
580-24938-31	YK-SB03(3-4)	T	Solid	3550B	
580-24938-32	YK-SB04(0-1)	T	Solid	3550B	
580-24938-33	YK-SB04(4-5)	T	Solid	3550B	
580-24938-34	YK-SB13(0-1)	T	Solid	3550B	
580-24938-35	YK-SB13(7-8)	T	Solid	3550B	
580-24938-36	YK-SB11(0-1)	T	Solid	3550B	
580-24938-37	YK-SB11(3-4)	T	Solid	3550B	
580-24938-38	YK-SB12(0-1)	T	Solid	3550B	
580-24938-39	YK-SB10(0-1)	T	Solid	3550B	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:580-82183					
LCS 580-82167/2-A	Lab Control Sample	T	Solid	8082	580-82167
LCSD 580-82167/3-A	Lab Control Sample Duplicate	T	Solid	8082	580-82167
MB 580-82167/1-A	Method Blank	T	Solid	8082	580-82167
580-24938-21	YK-SB17(3-4)	T	Solid	8082	580-82167
580-24938-22	YK-SB18(0-1)	T	Solid	8082	580-82167
580-24938-23	YK-SB18(3-4)	T	Solid	8082	580-82167
580-24938-23MS	Matrix Spike	T	Solid	8082	580-82167
580-24938-23MSD	Matrix Spike Duplicate	T	Solid	8082	580-82167
580-24938-24	YK-MW-6(0-1)	T	Solid	8082	580-82167
580-24938-25	YK-SB07(3-4)	T	Solid	8082	580-82167
580-24938-26	YK-SB01(0-1)	T	Solid	8082	580-82167
580-24938-27	YK-SB01(4-5)	T	Solid	8082	580-82167
580-24938-28	YK-SB02(0-1)	T	Solid	8082	580-82167
580-24938-29	YK-SB02(3-4)	T	Solid	8082	580-82167
580-24938-30	YK-SB03(0-1)	T	Solid	8082	580-82167
580-24938-31	YK-SB03(3-4)	T	Solid	8082	580-82167
580-24938-32	YK-SB04(0-1)	T	Solid	8082	580-82167
580-24938-33	YK-SB04(4-5)	T	Solid	8082	580-82167
580-24938-34	YK-SB13(0-1)	T	Solid	8082	580-82167
580-24938-35	YK-SB13(7-8)	T	Solid	8082	580-82167
580-24938-36	YK-SB11(0-1)	T	Solid	8082	580-82167
580-24938-37	YK-SB11(3-4)	T	Solid	8082	580-82167
580-24938-38	YK-SB12(0-1)	T	Solid	8082	580-82167
580-24938-39	YK-SB10(0-1)	T	Solid	8082	580-82167

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:580-82198					
LCS 580-82225/2-A	Lab Control Sample	T	Solid	8082	580-82225
MB 580-82225/1-A	Method Blank	T	Solid	8082	580-82225
580-24938-1RE	YK-SB08(0-1)	T	Solid	8082	580-82225
580-24938-1MS	Matrix Spike	T	Solid	8082	580-82225
580-24938-1MSD	Matrix Spike Duplicate	T	Solid	8082	580-82225
580-24938-2RE	YK-SB08(4-5)	T	Solid	8082	580-82225
580-24938-3RE	YK-SB14(0-1)	T	Solid	8082	580-82225
580-24938-4RE	YK-SB14(4-5)	T	Solid	8082	580-82225
580-24938-5RE	YK-SB06(0-1)	T	Solid	8082	580-82225
580-24938-6RE	YK-SB06(4-5)	T	Solid	8082	580-82225
580-24938-10RE	YK-MW-6(4-5)	T	Solid	8082	580-82225
580-24938-11RE	YK-MW-6(4-5)D	T	Solid	8082	580-82225
580-24938-12RE	YK-SB07(0-1)	T	Solid	8082	580-82225
580-24938-13RE	YK-MW-7(0-1)	T	Solid	8082	580-82225
580-24938-14RE	YK-MW-7(4-5)	T	Solid	8082	580-82225
580-24938-15RE	YK-MW-5(0-1)	T	Solid	8082	580-82225
580-24938-16RE	YK-MW-5(2-3)	T	Solid	8082	580-82225
580-24938-17RE	YK-SB16(0-1)	T	Solid	8082	580-82225
580-24938-18RE	YK-SB16(3-4)	T	Solid	8082	580-82225
580-24938-19RE	YK-SB17(0-1)	T	Solid	8082	580-82225
Prep Batch: 580-82225					
LCS 580-82225/2-A	Lab Control Sample	T	Solid	3550B	
MB 580-82225/1-A	Method Blank	T	Solid	3550B	
580-24938-1RE	YK-SB08(0-1)	T	Solid	3550B	
580-24938-1MS	Matrix Spike	T	Solid	3550B	
580-24938-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
580-24938-2RE	YK-SB08(4-5)	T	Solid	3550B	
580-24938-3RE	YK-SB14(0-1)	T	Solid	3550B	
580-24938-4RE	YK-SB14(4-5)	T	Solid	3550B	
580-24938-5RE	YK-SB06(0-1)	T	Solid	3550B	
580-24938-6RE	YK-SB06(4-5)	T	Solid	3550B	
580-24938-7	YK-SB15(0-1)	T	Solid	3550B	
580-24938-8	YK-SB15(4-5)	T	Solid	3550B	
580-24938-10RE	YK-MW-6(4-5)	T	Solid	3550B	
580-24938-11RE	YK-MW-6(4-5)D	T	Solid	3550B	
580-24938-12RE	YK-SB07(0-1)	T	Solid	3550B	
580-24938-13RE	YK-MW-7(0-1)	T	Solid	3550B	
580-24938-14RE	YK-MW-7(4-5)	T	Solid	3550B	
580-24938-15RE	YK-MW-5(0-1)	T	Solid	3550B	
580-24938-16RE	YK-MW-5(2-3)	T	Solid	3550B	
580-24938-17RE	YK-SB16(0-1)	T	Solid	3550B	
580-24938-18RE	YK-SB16(3-4)	T	Solid	3550B	
580-24938-19RE	YK-SB17(0-1)	T	Solid	3550B	
580-24938-20	YK-SB17(0-1)D	T	Solid	3550B	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:580-82292					
580-24938-7	YK-SB15(0-1)	T	Solid	8082	580-82225
580-24938-8	YK-SB15(4-5)	T	Solid	8082	580-82225
580-24938-20	YK-SB17(0-1)D	T	Solid	8082	580-82225

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-82169					
LCS 580-82169/24-A	Lab Control Sample	T	Solid	3050B	
LCSD 580-82169/25-A	Lab Control Sample Duplicate	T	Solid	3050B	
LCSSRM 580-82169/26-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 580-82169/23-A	Method Blank	T	Solid	3050B	
580-24938-1	YK-SB08(0-1)	T	Solid	3050B	
580-24938-1DU	Duplicate	T	Solid	3050B	
580-24938-1MS	Matrix Spike	T	Solid	3050B	
580-24938-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
580-24938-2	YK-SB08(4-5)	T	Solid	3050B	
580-24938-3	YK-SB14(0-1)	T	Solid	3050B	
580-24938-4	YK-SB14(4-5)	T	Solid	3050B	
580-24938-5	YK-SB06(0-1)	T	Solid	3050B	
580-24938-6	YK-SB06(4-5)	T	Solid	3050B	
580-24938-7	YK-SB15(0-1)	T	Solid	3050B	
580-24938-8	YK-SB15(4-5)	T	Solid	3050B	
580-24938-10	YK-MW-6(4-5)	T	Solid	3050B	
580-24938-11	YK-MW-6(4-5)D	T	Solid	3050B	
580-24938-12	YK-SB07(0-1)	T	Solid	3050B	
580-24938-13	YK-MW-7(0-1)	T	Solid	3050B	
580-24938-14	YK-MW-7(4-5)	T	Solid	3050B	
580-24938-15	YK-MW-5(0-1)	T	Solid	3050B	
580-24938-16	YK-MW-5(2-3)	T	Solid	3050B	
580-24938-17	YK-SB16(0-1)	T	Solid	3050B	
580-24938-18	YK-SB16(3-4)	T	Solid	3050B	
580-24938-19	YK-SB17(0-1)	T	Solid	3050B	
580-24938-20	YK-SB17(0-1)D	T	Solid	3050B	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-82170					
LCS 580-82170/24-A	Lab Control Sample	T	Solid	3050B	
LCSD 580-82170/25-A	Lab Control Sample Duplicate	T	Solid	3050B	
LCSSRM 580-82170/26-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 580-82170/23-A	Method Blank	T	Solid	3050B	
580-24938-21	YK-SB17(3-4)	T	Solid	3050B	
580-24938-21DU	Duplicate	T	Solid	3050B	
580-24938-21MS	Matrix Spike	T	Solid	3050B	
580-24938-21MSD	Matrix Spike Duplicate	T	Solid	3050B	
580-24938-22	YK-SB18(0-1)	T	Solid	3050B	
580-24938-23	YK-SB18(3-4)	T	Solid	3050B	
580-24938-24	YK-MW-6(0-1)	T	Solid	3050B	
580-24938-25	YK-SB07(3-4)	T	Solid	3050B	
580-24938-26	YK-SB01(0-1)	T	Solid	3050B	
580-24938-27	YK-SB01(4-5)	T	Solid	3050B	
580-24938-28	YK-SB02(0-1)	T	Solid	3050B	
580-24938-29	YK-SB02(3-4)	T	Solid	3050B	
580-24938-30	YK-SB03(0-1)	T	Solid	3050B	
580-24938-31	YK-SB03(3-4)	T	Solid	3050B	
580-24938-32	YK-SB04(0-1)	T	Solid	3050B	
580-24938-33	YK-SB04(4-5)	T	Solid	3050B	
580-24938-34	YK-SB13(0-1)	T	Solid	3050B	
580-24938-35	YK-SB13(7-8)	T	Solid	3050B	
580-24938-36	YK-SB11(0-1)	T	Solid	3050B	
580-24938-37	YK-SB11(3-4)	T	Solid	3050B	
580-24938-38	YK-SB12(0-1)	T	Solid	3050B	
580-24938-39	YK-SB10(0-1)	T	Solid	3050B	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-82171					
LCS 580-82171/24-A	Lab Control Sample	T	Solid	7471A	
LCSD 580-82171/25-A	Lab Control Sample Duplicate	T	Solid	7471A	
LCSSRM 580-82171/26-A	LCS-Certified Reference Material	T	Solid	7471A	
MB 580-82171/23-A	Method Blank	T	Solid	7471A	
580-24938-21	YK-SB17(3-4)	T	Solid	7471A	
580-24938-21DU	Duplicate	T	Solid	7471A	
580-24938-21MS	Matrix Spike	T	Solid	7471A	
580-24938-21MSD	Matrix Spike Duplicate	T	Solid	7471A	
580-24938-22	YK-SB18(0-1)	T	Solid	7471A	
580-24938-23	YK-SB18(3-4)	T	Solid	7471A	
580-24938-24	YK-MW-6(0-1)	T	Solid	7471A	
580-24938-25	YK-SB07(3-4)	T	Solid	7471A	
580-24938-26	YK-SB01(0-1)	T	Solid	7471A	
580-24938-27	YK-SB01(4-5)	T	Solid	7471A	
580-24938-28	YK-SB02(0-1)	T	Solid	7471A	
580-24938-29	YK-SB02(3-4)	T	Solid	7471A	
580-24938-30	YK-SB03(0-1)	T	Solid	7471A	
580-24938-31	YK-SB03(3-4)	T	Solid	7471A	
580-24938-32	YK-SB04(0-1)	T	Solid	7471A	
580-24938-33	YK-SB04(4-5)	T	Solid	7471A	
580-24938-34	YK-SB13(0-1)	T	Solid	7471A	
580-24938-35	YK-SB13(7-8)	T	Solid	7471A	
580-24938-36	YK-SB11(0-1)	T	Solid	7471A	
580-24938-37	YK-SB11(3-4)	T	Solid	7471A	
580-24938-38	YK-SB12(0-1)	T	Solid	7471A	
580-24938-39	YK-SB10(0-1)	T	Solid	7471A	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-82172					
LCS 580-82172/24-A	Lab Control Sample	T	Solid	7471A	
LCSD 580-82172/25-A	Lab Control Sample Duplicate	T	Solid	7471A	
LCSSRM 580-82172/26-A	LCS-Certified Reference Material	T	Solid	7471A	
MB 580-82172/23-A	Method Blank	T	Solid	7471A	
580-24938-1	YK-SB08(0-1)	T	Solid	7471A	
580-24938-1DU	Duplicate	T	Solid	7471A	
580-24938-1MS	Matrix Spike	T	Solid	7471A	
580-24938-1MSD	Matrix Spike Duplicate	T	Solid	7471A	
580-24938-2	YK-SB08(4-5)	T	Solid	7471A	
580-24938-3	YK-SB14(0-1)	T	Solid	7471A	
580-24938-4	YK-SB14(4-5)	T	Solid	7471A	
580-24938-5	YK-SB06(0-1)	T	Solid	7471A	
580-24938-6	YK-SB06(4-5)	T	Solid	7471A	
580-24938-7	YK-SB15(0-1)	T	Solid	7471A	
580-24938-8	YK-SB15(4-5)	T	Solid	7471A	
580-24938-10	YK-MW-6(4-5)	T	Solid	7471A	
580-24938-11	YK-MW-6(4-5)D	T	Solid	7471A	
580-24938-12	YK-SB07(0-1)	T	Solid	7471A	
580-24938-13	YK-MW-7(0-1)	T	Solid	7471A	
580-24938-14	YK-MW-7(4-5)	T	Solid	7471A	
580-24938-15	YK-MW-5(0-1)	T	Solid	7471A	
580-24938-16	YK-MW-5(2-3)	T	Solid	7471A	
580-24938-17	YK-SB16(0-1)	T	Solid	7471A	
580-24938-18	YK-SB16(3-4)	T	Solid	7471A	
580-24938-19	YK-SB17(0-1)	T	Solid	7471A	
580-24938-20	YK-SB17(0-1)D	T	Solid	7471A	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-82234					
LCS 580-82169/24-A	Lab Control Sample	T	Solid	6020	580-82169
LCSD 580-82169/25-A	Lab Control Sample Duplicate	T	Solid	6020	580-82169
LCSSRM 580-82169/26-A	LCS-Certified Reference Material	T	Solid	6020	580-82169
MB 580-82169/23-A	Method Blank	T	Solid	6020	580-82169
580-24938-1	YK-SB08(0-1)	T	Solid	6020	580-82169
580-24938-1DU	Duplicate	T	Solid	6020	580-82169
580-24938-1MS	Matrix Spike	T	Solid	6020	580-82169
580-24938-1MSD	Matrix Spike Duplicate	T	Solid	6020	580-82169
580-24938-2	YK-SB08(4-5)	T	Solid	6020	580-82169
580-24938-3	YK-SB14(0-1)	T	Solid	6020	580-82169
580-24938-4	YK-SB14(4-5)	T	Solid	6020	580-82169
580-24938-5	YK-SB06(0-1)	T	Solid	6020	580-82169
580-24938-6	YK-SB06(4-5)	T	Solid	6020	580-82169
580-24938-7	YK-SB15(0-1)	T	Solid	6020	580-82169
580-24938-8	YK-SB15(4-5)	T	Solid	6020	580-82169
580-24938-10	YK-MW-6(4-5)	T	Solid	6020	580-82169
580-24938-11	YK-MW-6(4-5)D	T	Solid	6020	580-82169
580-24938-12	YK-SB07(0-1)	T	Solid	6020	580-82169
580-24938-13	YK-MW-7(0-1)	T	Solid	6020	580-82169
580-24938-14	YK-MW-7(4-5)	T	Solid	6020	580-82169
580-24938-15	YK-MW-5(0-1)	T	Solid	6020	580-82169
580-24938-16	YK-MW-5(2-3)	T	Solid	6020	580-82169
580-24938-17	YK-SB16(0-1)	T	Solid	6020	580-82169
580-24938-18	YK-SB16(3-4)	T	Solid	6020	580-82169
580-24938-19	YK-SB17(0-1)	T	Solid	6020	580-82169
580-24938-20	YK-SB17(0-1)D	T	Solid	6020	580-82169

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-82235					
LCS 580-82171/24-A	Lab Control Sample	T	Solid	7471A	580-82171
LCSD 580-82171/25-A	Lab Control Sample Duplicate	T	Solid	7471A	580-82171
LCSSRM 580-82171/26-A	LCS-Certified Reference Material	T	Solid	7471A	580-82171
MB 580-82171/23-A	Method Blank	T	Solid	7471A	580-82171
LCS 580-82172/24-A	Lab Control Sample	T	Solid	7471A	580-82172
LCSD 580-82172/25-A	Lab Control Sample Duplicate	T	Solid	7471A	580-82172
LCSSRM 580-82172/26-A	LCS-Certified Reference Material	T	Solid	7471A	580-82172
MB 580-82172/23-A	Method Blank	T	Solid	7471A	580-82172
580-24938-1	YK-SB08(0-1)	T	Solid	7471A	580-82172
580-24938-1DU	Duplicate	T	Solid	7471A	580-82172
580-24938-1MS	Matrix Spike	T	Solid	7471A	580-82172
580-24938-1MSD	Matrix Spike Duplicate	T	Solid	7471A	580-82172
580-24938-2	YK-SB08(4-5)	T	Solid	7471A	580-82172
580-24938-3	YK-SB14(0-1)	T	Solid	7471A	580-82172
580-24938-4	YK-SB14(4-5)	T	Solid	7471A	580-82172
580-24938-5	YK-SB06(0-1)	T	Solid	7471A	580-82172
580-24938-6	YK-SB06(4-5)	T	Solid	7471A	580-82172
580-24938-7	YK-SB15(0-1)	T	Solid	7471A	580-82172
580-24938-8	YK-SB15(4-5)	T	Solid	7471A	580-82172
580-24938-10	YK-MW-6(4-5)	T	Solid	7471A	580-82172
580-24938-11	YK-MW-6(4-5)D	T	Solid	7471A	580-82172
580-24938-12	YK-SB07(0-1)	T	Solid	7471A	580-82172
580-24938-13	YK-MW-7(0-1)	T	Solid	7471A	580-82172
580-24938-14	YK-MW-7(4-5)	T	Solid	7471A	580-82172
580-24938-15	YK-MW-5(0-1)	T	Solid	7471A	580-82172
580-24938-16	YK-MW-5(2-3)	T	Solid	7471A	580-82172
580-24938-17	YK-SB16(0-1)	T	Solid	7471A	580-82172
580-24938-18	YK-SB16(3-4)	T	Solid	7471A	580-82172
580-24938-19	YK-SB17(0-1)	T	Solid	7471A	580-82172
580-24938-20	YK-SB17(0-1)D	T	Solid	7471A	580-82172
580-24938-21	YK-SB17(3-4)	T	Solid	7471A	580-82171
580-24938-21DU	Duplicate	T	Solid	7471A	580-82171
580-24938-21MS	Matrix Spike	T	Solid	7471A	580-82171
580-24938-21MSD	Matrix Spike Duplicate	T	Solid	7471A	580-82171
580-24938-22	YK-SB18(0-1)	T	Solid	7471A	580-82171
580-24938-23	YK-SB18(3-4)	T	Solid	7471A	580-82171
580-24938-24	YK-MW-6(0-1)	T	Solid	7471A	580-82171
580-24938-25	YK-SB07(3-4)	T	Solid	7471A	580-82171
580-24938-26	YK-SB01(0-1)	T	Solid	7471A	580-82171
580-24938-27	YK-SB01(4-5)	T	Solid	7471A	580-82171
580-24938-28	YK-SB02(0-1)	T	Solid	7471A	580-82171
580-24938-29	YK-SB02(3-4)	T	Solid	7471A	580-82171
580-24938-30	YK-SB03(0-1)	T	Solid	7471A	580-82171
580-24938-31	YK-SB03(3-4)	T	Solid	7471A	580-82171
580-24938-32	YK-SB04(0-1)	T	Solid	7471A	580-82171
580-24938-33	YK-SB04(4-5)	T	Solid	7471A	580-82171

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-82235					
580-24938-34	YK-SB13(0-1)	T	Solid	7471A	580-82171
580-24938-35	YK-SB13(7-8)	T	Solid	7471A	580-82171
580-24938-36	YK-SB11(0-1)	T	Solid	7471A	580-82171
580-24938-37	YK-SB11(3-4)	T	Solid	7471A	580-82171
580-24938-38	YK-SB12(0-1)	T	Solid	7471A	580-82171
580-24938-39	YK-SB10(0-1)	T	Solid	7471A	580-82171
Analysis Batch:580-82270					
LCS 580-82170/24-A	Lab Control Sample	T	Solid	6020	580-82170
LCSD 580-82170/25-A	Lab Control Sample Duplicate	T	Solid	6020	580-82170
LCSSRM 580-82170/26-A	LCS-Certified Reference Material	T	Solid	6020	580-82170
MB 580-82170/23-A	Method Blank	T	Solid	6020	580-82170
580-24938-21	YK-SB17(3-4)	T	Solid	6020	580-82170
580-24938-21DU	Duplicate	T	Solid	6020	580-82170
580-24938-21MS	Matrix Spike	T	Solid	6020	580-82170
580-24938-21MSD	Matrix Spike Duplicate	T	Solid	6020	580-82170
580-24938-22	YK-SB18(0-1)	T	Solid	6020	580-82170
580-24938-23	YK-SB18(3-4)	T	Solid	6020	580-82170
580-24938-24	YK-MW-6(0-1)	T	Solid	6020	580-82170
580-24938-25	YK-SB07(3-4)	T	Solid	6020	580-82170
580-24938-26	YK-SB01(0-1)	T	Solid	6020	580-82170
580-24938-27	YK-SB01(4-5)	T	Solid	6020	580-82170
580-24938-28	YK-SB02(0-1)	T	Solid	6020	580-82170
580-24938-29	YK-SB02(3-4)	T	Solid	6020	580-82170
580-24938-30	YK-SB03(0-1)	T	Solid	6020	580-82170
580-24938-31	YK-SB03(3-4)	T	Solid	6020	580-82170
580-24938-32	YK-SB04(0-1)	T	Solid	6020	580-82170
580-24938-33	YK-SB04(4-5)	T	Solid	6020	580-82170
580-24938-34	YK-SB13(0-1)	T	Solid	6020	580-82170
580-24938-35	YK-SB13(7-8)	T	Solid	6020	580-82170
580-24938-36	YK-SB11(0-1)	T	Solid	6020	580-82170
580-24938-37	YK-SB11(3-4)	T	Solid	6020	580-82170
580-24938-38	YK-SB12(0-1)	T	Solid	6020	580-82170
580-24938-39	YK-SB10(0-1)	T	Solid	6020	580-82170

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:580-82162					
580-24938-1	YK-SB08(0-1)	T	Solid	Moisture	
580-24938-1DU	Duplicate	T	Solid	Moisture	
580-24938-2	YK-SB08(4-5)	T	Solid	Moisture	
580-24938-3	YK-SB14(0-1)	T	Solid	Moisture	
580-24938-4	YK-SB14(4-5)	T	Solid	Moisture	
580-24938-5	YK-SB06(0-1)	T	Solid	Moisture	
580-24938-6	YK-SB06(4-5)	T	Solid	Moisture	
580-24938-7	YK-SB15(0-1)	T	Solid	Moisture	
580-24938-8	YK-SB15(4-5)	T	Solid	Moisture	
580-24938-10	YK-MW-6(4-5)	T	Solid	Moisture	
580-24938-11	YK-MW-6(4-5)D	T	Solid	Moisture	
580-24938-12	YK-SB07(0-1)	T	Solid	Moisture	
580-24938-13	YK-MW-7(0-1)	T	Solid	Moisture	
580-24938-14	YK-MW-7(4-5)	T	Solid	Moisture	
580-24938-15	YK-MW-5(0-1)	T	Solid	Moisture	
580-24938-16	YK-MW-5(2-3)	T	Solid	Moisture	
580-24938-17	YK-SB16(0-1)	T	Solid	Moisture	
580-24938-18	YK-SB16(3-4)	T	Solid	Moisture	
580-24938-19	YK-SB17(0-1)	T	Solid	Moisture	
580-24938-20	YK-SB17(0-1)D	T	Solid	Moisture	
Analysis Batch:580-82168					
580-24938-21	YK-SB17(3-4)	T	Solid	Moisture	
580-24938-21DU	Duplicate	T	Solid	Moisture	
580-24938-22	YK-SB18(0-1)	T	Solid	Moisture	
580-24938-23	YK-SB18(3-4)	T	Solid	Moisture	
580-24938-24	YK-MW-6(0-1)	T	Solid	Moisture	
580-24938-25	YK-SB07(3-4)	T	Solid	Moisture	
580-24938-26	YK-SB01(0-1)	T	Solid	Moisture	
580-24938-27	YK-SB01(4-5)	T	Solid	Moisture	
580-24938-28	YK-SB02(0-1)	T	Solid	Moisture	
580-24938-29	YK-SB02(3-4)	T	Solid	Moisture	
580-24938-30	YK-SB03(0-1)	T	Solid	Moisture	
580-24938-31	YK-SB03(3-4)	T	Solid	Moisture	
580-24938-32	YK-SB04(0-1)	T	Solid	Moisture	
580-24938-33	YK-SB04(4-5)	T	Solid	Moisture	
580-24938-34	YK-SB13(0-1)	T	Solid	Moisture	
580-24938-35	YK-SB13(7-8)	T	Solid	Moisture	
580-24938-36	YK-SB11(0-1)	T	Solid	Moisture	
580-24938-37	YK-SB11(3-4)	T	Solid	Moisture	
580-24938-38	YK-SB12(0-1)	T	Solid	Moisture	
580-24938-39	YK-SB10(0-1)	T	Solid	Moisture	

Client: MWH Americas Inc

Job Number: 580-24938-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis

T = Total

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-1 **Client ID:** YK-SB08(0-1)

Sample Date/Time: 03/10/2011 15:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-1-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-1-A		580-82178	580-82175	03/12/2011 20:24	1	TAL SEA	TR
P:3550B	580-24938-A-1-I		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-1-I		580-82194	580-82163	03/14/2011 10:21	1	TAL SEA	CM
P:3550B	580-24938-A-1-K	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-1-K	RE	580-82198	580-82225	03/14/2011 17:37	1	TAL SEA	MAM
P:3050B	580-24938-A-1-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-1-A		580-82234	580-82169	03/14/2011 09:41	10	TAL SEA	FCW
P:7471A	580-24938-A-1-E		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-1-E		580-82235	580-82172	03/14/2011 10:05	1	TAL SEA	FCW
A:Moisture	580-24938-A-1		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-1 MS **Client ID:** YK-SB08(0-1)

Sample Date/Time: 03/10/2011 15:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-1-A MS		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-1-A MS		580-82178	580-82175	03/12/2011 20:46	1	TAL SEA	TR
P:3550B	580-24938-A-1-L MS		580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-1-L MS		580-82198	580-82225	03/14/2011 17:51	1	TAL SEA	MAM
P:3050B	580-24938-A-1-C MS		580-82234	580-82169	03/12/2011 13:12	50	TAL SEA	PAB
A:6020	580-24938-A-1-C MS		580-82234	580-82169	03/14/2011 09:51	50	TAL SEA	FCW
P:7471A	580-24938-A-1-G MS		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-1-G MS		580-82235	580-82172	03/14/2011 10:10	1	TAL SEA	FCW

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-1 MSD **Client ID:** YK-SB08(0-1)

Sample Date/Time: 03/10/2011 15:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-1-A MSD		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-1-A MSD		580-82178	580-82175	03/12/2011 21:08	1	TAL SEA	TR
P:3550B	580-24938-A-1-M MSD		580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-1-M MSD		580-82198	580-82225	03/14/2011 18:05	1	TAL SEA	MAM
P:3050B	580-24938-A-1-D MSD		580-82234	580-82169	03/12/2011 13:12	50	TAL SEA	PAB
A:6020	580-24938-A-1-D MSD		580-82234	580-82169	03/14/2011 09:56	50	TAL SEA	FCW
P:7471A	580-24938-A-1-H MSD		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-1-H MSD		580-82235	580-82172	03/14/2011 10:13	1	TAL SEA	FCW

Lab ID: 580-24938-1 DU **Client ID:** YK-SB08(0-1)

Sample Date/Time: 03/10/2011 15:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	580-24938-A-1-B DU		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-1-B DU		580-82234	580-82169	03/14/2011 09:46	10	TAL SEA	FCW
P:7471A	580-24938-A-1-F DU		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-1-F DU		580-82235	580-82172	03/14/2011 10:07	1	TAL SEA	FCW
A:Moisture	580-24938-A-1 DU		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-1 SD **Client ID:** YK-SB08(0-1)

Sample Date/Time: 03/10/2011 15:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	580-24938-A-1-A SD		580-82234	580-82169	03/12/2011 13:12	50	TAL SEA	PAB
A:6020	580-24938-A-1-A SD		580-82234	580-82169	03/14/2011 09:36	50	TAL SEA	FCW
P:3050B	580-24938-A-1-A PDS		580-82234	580-82169	03/12/2011 13:12	50	TAL SEA	PAB
A:6020	580-24938-A-1-A PDS		580-82234	580-82169	03/14/2011 10:01	50	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-2 **Client ID:** YK-SB08(4-5)

Sample Date/Time: 03/10/2011 15:40 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-2-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-2-A		580-82178	580-82175	03/12/2011 22:37	1	TAL SEA	TR
P:3550B	580-24938-A-2-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-2-C		580-82194	580-82163	03/14/2011 10:40	1	TAL SEA	CM
P:3550B	580-24938-A-2-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-2-E	RE	580-82198	580-82225	03/14/2011 18:19	1	TAL SEA	MAM
P:3050B	580-24938-A-2-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-2-A		580-82234	580-82169	03/14/2011 12:10	10	TAL SEA	FCW
P:7471A	580-24938-A-2-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-2-B		580-82235	580-82172	03/14/2011 10:15	1	TAL SEA	FCW
A:Moisture	580-24938-A-2		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-3 **Client ID:** YK-SB14(0-1)

Sample Date/Time: 03/10/2011 16:04 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-3-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-3-A		580-82178	580-82175	03/12/2011 22:59	1	TAL SEA	TR
P:3550B	580-24938-A-3-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-3-C		580-82194	580-82163	03/14/2011 11:13	1	TAL SEA	CM
P:3550B	580-24938-A-3-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-3-E	RE	580-82198	580-82225	03/14/2011 18:33	1	TAL SEA	MAM
P:3050B	580-24938-A-3-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-3-A		580-82234	580-82169	03/14/2011 10:32	10	TAL SEA	FCW
P:7471A	580-24938-A-3-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-3-B		580-82235	580-82172	03/14/2011 10:18	1	TAL SEA	FCW
A:Moisture	580-24938-A-3		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-4 **Client ID:** YK-SB14(4-5)

Sample Date/Time: 03/10/2011 16:15 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-4-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-4-A		580-82178	580-82175	03/12/2011 23:21	1	TAL SEA	TR
P:3550B	580-24938-A-4-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-4-C		580-82194	580-82163	03/14/2011 11:32	1	TAL SEA	CM
P:3550B	580-24938-A-4-G	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-4-G	RE	580-82198	580-82225	03/14/2011 18:47	1	TAL SEA	MAM
P:3050B	580-24938-A-4-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-4-A		580-82234	580-82169	03/14/2011 10:38	10	TAL SEA	FCW
P:7471A	580-24938-A-4-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-4-B		580-82235	580-82172	03/14/2011 10:25	1	TAL SEA	FCW
A:Moisture	580-24938-A-4		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-4 MS **Client ID:** YK-SB14(4-5)

Sample Date/Time: 03/10/2011 16:15 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24938-A-4-D MS		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-4-D MS		580-82194	580-82163	03/14/2011 11:51	1	TAL SEA	CM

Lab ID: 580-24938-4 MSD **Client ID:** YK-SB14(4-5)

Sample Date/Time: 03/10/2011 16:15 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24938-A-4-E MSD		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-4-E MSD		580-82194	580-82163	03/14/2011 12:10	1	TAL SEA	CM

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-5 **Client ID:** YK-SB06(0-1)

Sample Date/Time: 03/10/2011 16:40 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-5-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-5-A		580-82178	580-82175	03/12/2011 23:43	1	TAL SEA	TR
P:3550B	580-24938-A-5-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-5-C		580-82194	580-82163	03/14/2011 13:07	1	TAL SEA	CM
P:3550B	580-24938-A-5-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-5-E	RE	580-82198	580-82225	03/14/2011 19:02	1	TAL SEA	MAM
P:3050B	580-24938-A-5-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-5-A		580-82234	580-82169	03/14/2011 10:43	10	TAL SEA	FCW
P:7471A	580-24938-A-5-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-5-B		580-82235	580-82172	03/14/2011 10:28	1	TAL SEA	FCW
A:Moisture	580-24938-A-5		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-6 **Client ID:** YK-SB06(4-5)

Sample Date/Time: 03/10/2011 16:50 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-6-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-6-A		580-82178	580-82175	03/13/2011 00:05	1	TAL SEA	TR
P:3550B	580-24938-A-6-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-6-C		580-82194	580-82163	03/14/2011 13:26	1	TAL SEA	CM
P:3550B	580-24938-A-6-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-6-E	RE	580-82198	580-82225	03/14/2011 19:16	1	TAL SEA	MAM
P:3050B	580-24938-A-6-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-6-A		580-82234	580-82169	03/14/2011 10:48	10	TAL SEA	FCW
P:7471A	580-24938-A-6-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-6-B		580-82235	580-82172	03/14/2011 10:31	1	TAL SEA	FCW
A:Moisture	580-24938-A-6		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-7 **Client ID:** YK-SB15(0-1)

Sample Date/Time: 03/10/2011 17:10 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-7-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-7-A		580-82178	580-82175	03/13/2011 00:28	1	TAL SEA	TR
P:3550B	580-24938-A-7-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-7-C		580-82194	580-82163	03/14/2011 13:45	1	TAL SEA	CM
P:3550B	580-24938-A-7-E		580-82292	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-7-E		580-82292	580-82225	03/15/2011 10:56	1	TAL SEA	MAM
P:3050B	580-24938-A-7-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-7-A		580-82234	580-82169	03/14/2011 10:53	10	TAL SEA	FCW
P:7471A	580-24938-A-7-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-7-B		580-82235	580-82172	03/14/2011 10:33	1	TAL SEA	FCW
A:Moisture	580-24938-A-7		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-8 **Client ID:** YK-SB15(4-5)

Sample Date/Time: 03/10/2011 17:25 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-8-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-8-A		580-82178	580-82175	03/13/2011 00:50	1	TAL SEA	TR
P:3550B	580-24938-A-8-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-8-C		580-82194	580-82163	03/14/2011 14:04	1	TAL SEA	CM
P:3550B	580-24938-A-8-E		580-82292	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-8-E		580-82292	580-82225	03/15/2011 11:10	1	TAL SEA	MAM
P:3050B	580-24938-A-8-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-8-A		580-82234	580-82169	03/14/2011 10:58	10	TAL SEA	FCW
P:7471A	580-24938-A-8-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-8-B		580-82235	580-82172	03/14/2011 10:36	1	TAL SEA	FCW
A:Moisture	580-24938-A-8		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-9 **Client ID:** YK-Methanol Blank

Sample Date/Time: 03/10/2011 17:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-9-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-9-A		580-82178	580-82175	03/12/2011 20:01	1	TAL SEA	TR

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-10 **Client ID:** YK-MW-6(4-5)

Sample Date/Time: 03/11/2011 10:20 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-10-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-10-A		580-82178	580-82175	03/13/2011 01:12	1	TAL SEA	TR
P:3550B	580-24938-A-10-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-10-C		580-82194	580-82163	03/14/2011 14:23	1	TAL SEA	CM
P:3550B	580-24938-A-10-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-10-E	RE	580-82198	580-82225	03/14/2011 19:58	1	TAL SEA	MAM
P:3050B	580-24938-A-10-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-10-A		580-82234	580-82169	03/14/2011 11:03	10	TAL SEA	FCW
P:7471A	580-24938-A-10-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-10-B		580-82235	580-82172	03/14/2011 10:38	1	TAL SEA	FCW
A:Moisture	580-24938-A-10		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-11 **Client ID:** YK-MW-6(4-5)D

Sample Date/Time: 03/11/2011 10:21 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-11-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-11-A		580-82178	580-82175	03/13/2011 01:34	1	TAL SEA	TR
P:3550B	580-24938-A-11-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-11-C		580-82194	580-82163	03/14/2011 14:42	1	TAL SEA	CM
P:3550B	580-24938-A-11-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-11-E	RE	580-82198	580-82225	03/14/2011 20:12	1	TAL SEA	MAM
P:3050B	580-24938-A-11-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-11-A		580-82234	580-82169	03/14/2011 11:08	10	TAL SEA	FCW
P:7471A	580-24938-A-11-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-11-B		580-82235	580-82172	03/14/2011 10:41	1	TAL SEA	FCW
A:Moisture	580-24938-A-11		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-12 **Client ID: YK-SB07(0-1)**

Sample Date/Time: 03/11/2011 10:45 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-12-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-12-A		580-82178	580-82175	03/13/2011 01:56	1	TAL SEA	TR
P:3550B	580-24938-A-12-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-12-C		580-82194	580-82163	03/14/2011 15:01	1	TAL SEA	CM
P:3550B	580-24938-A-12-G	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-12-G	RE	580-82198	580-82225	03/14/2011 20:26	1	TAL SEA	MAM
P:3050B	580-24938-A-12-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-12-A		580-82234	580-82169	03/14/2011 11:13	10	TAL SEA	FCW
P:7471A	580-24938-A-12-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-12-B		580-82235	580-82172	03/14/2011 10:44	1	TAL SEA	FCW
A:Moisture	580-24938-A-12		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-13 **Client ID: YK-MW-7(0-1)**

Sample Date/Time: 03/11/2011 07:37 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-13-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-13-A		580-82178	580-82175	03/13/2011 03:19	1	TAL SEA	TR
P:3550B	580-24938-A-13-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-13-C		580-82194	580-82163	03/14/2011 15:20	1	TAL SEA	CM
P:3550B	580-24938-A-13-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-13-E	RE	580-82198	580-82225	03/14/2011 20:40	1	TAL SEA	MAM
P:3050B	580-24938-A-13-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-13-A		580-82234	580-82169	03/14/2011 11:18	10	TAL SEA	FCW
P:7471A	580-24938-A-13-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-13-B		580-82235	580-82172	03/14/2011 10:46	1	TAL SEA	FCW
A:Moisture	580-24938-A-13		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-14 **Client ID: YK-MW-7(4-5)**

Sample Date/Time: 03/11/2011 07:45 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-14-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-14-A		580-82178	580-82175	03/13/2011 03:41	1	TAL SEA	TR
P:3550B	580-24938-A-14-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-14-C		580-82194	580-82163	03/14/2011 15:39	1	TAL SEA	CM
P:3550B	580-24938-A-14-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-14-E	RE	580-82198	580-82225	03/14/2011 20:55	1	TAL SEA	MAM
P:3050B	580-24938-A-14-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-14-A		580-82234	580-82169	03/14/2011 11:34	10	TAL SEA	FCW
P:7471A	580-24938-A-14-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-14-B		580-82235	580-82172	03/14/2011 10:49	1	TAL SEA	FCW
A:Moisture	580-24938-A-14		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-15 **Client ID: YK-MW-5(0-1)**

Sample Date/Time: 03/11/2011 08:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-15-A	RA	580-82301	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-15-A	RA	580-82301	580-82175	03/15/2011 13:54	1	TAL SEA	TR
P:3550B	580-24938-A-15-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-15-C		580-82194	580-82163	03/14/2011 15:58	1	TAL SEA	CM
P:3550B	580-24938-A-15-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-15-E	RE	580-82198	580-82225	03/14/2011 21:09	1	TAL SEA	MAM
P:3050B	580-24938-A-15-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-15-A		580-82234	580-82169	03/14/2011 11:39	10	TAL SEA	FCW
P:7471A	580-24938-A-15-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-15-B		580-82235	580-82172	03/14/2011 10:57	1	TAL SEA	FCW
A:Moisture	580-24938-A-15		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-16 **Client ID:** YK-MW-5(2-3)

Sample Date/Time: 03/11/2011 08:35 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-16-A	RA	580-82301	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-16-A	RA	580-82301	580-82175	03/15/2011 14:17	1	TAL SEA	TR
P:3550B	580-24938-A-16-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-16-C		580-82194	580-82163	03/14/2011 16:17	1	TAL SEA	CM
P:3550B	580-24938-A-16-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-16-E	RE	580-82198	580-82225	03/14/2011 21:23	1	TAL SEA	MAM
P:3050B	580-24938-A-16-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-16-A		580-82234	580-82169	03/14/2011 11:44	10	TAL SEA	FCW
P:7471A	580-24938-A-16-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-16-B		580-82235	580-82172	03/14/2011 10:59	1	TAL SEA	FCW
A:Moisture	580-24938-A-16		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-17 **Client ID:** YK-SB16(0-1)

Sample Date/Time: 03/11/2011 08:45 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-17-A	RA	580-82301	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-17-A	RA	580-82301	580-82175	03/15/2011 14:39	1	TAL SEA	TR
P:3550B	580-24938-A-17-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-17-C		580-82194	580-82163	03/14/2011 16:36	1	TAL SEA	CM
P:3550B	580-24938-A-17-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-17-E	RE	580-82198	580-82225	03/14/2011 21:37	1	TAL SEA	MAM
P:3050B	580-24938-A-17-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-17-A		580-82234	580-82169	03/14/2011 11:49	10	TAL SEA	FCW
P:7471A	580-24938-A-17-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-17-B		580-82235	580-82172	03/14/2011 11:02	1	TAL SEA	FCW
A:Moisture	580-24938-A-17		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-18 **Client ID:** YK-SB16(3-4)

Sample Date/Time: 03/11/2011 09:00 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-18-A	RA	580-82301	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-18-A	RA	580-82301	580-82175	03/15/2011 15:01	1	TAL SEA	TR
P:3550B	580-24938-A-18-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-18-C		580-82194	580-82163	03/14/2011 16:55	1	TAL SEA	CM
P:3550B	580-24938-A-18-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-18-E	RE	580-82198	580-82225	03/14/2011 21:51	1	TAL SEA	MAM
P:3050B	580-24938-A-18-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-18-A		580-82234	580-82169	03/14/2011 11:54	10	TAL SEA	FCW
P:7471A	580-24938-A-18-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-18-B		580-82235	580-82172	03/14/2011 11:04	1	TAL SEA	FCW
A:Moisture	580-24938-A-18		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-19 **Client ID:** YK-SB17(0-1)

Sample Date/Time: 03/11/2011 09:20 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-19-A	RA	580-82301	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-19-A	RA	580-82301	580-82175	03/15/2011 15:23	1	TAL SEA	TR
P:3550B	580-24938-A-19-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-19-C		580-82194	580-82163	03/14/2011 17:14	1	TAL SEA	CM
P:3550B	580-24938-A-19-E	RE	580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-19-E	RE	580-82198	580-82225	03/14/2011 22:05	1	TAL SEA	MAM
P:3050B	580-24938-A-19-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-19-A		580-82234	580-82169	03/14/2011 12:00	10	TAL SEA	FCW
P:7471A	580-24938-A-19-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-19-B		580-82235	580-82172	03/14/2011 11:07	1	TAL SEA	FCW
A:Moisture	580-24938-A-19		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-20 **Client ID: YK-SB17(0-1)D**

Sample Date/Time: 03/11/2011 09:21 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-20-A	RA	580-82301	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	580-24938-B-20-A	RA	580-82301	580-82175	03/15/2011 15:46	1	TAL SEA	TR
P:3550B	580-24938-A-20-C		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	580-24938-A-20-C		580-82194	580-82163	03/14/2011 17:33	1	TAL SEA	CM
P:3550B	580-24938-A-20-E		580-82292	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	580-24938-A-20-E		580-82292	580-82225	03/15/2011 11:25	1	TAL SEA	MAM
P:3050B	580-24938-A-20-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	580-24938-A-20-A		580-82234	580-82169	03/14/2011 12:05	10	TAL SEA	FCW
P:7471A	580-24938-A-20-B		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	580-24938-A-20-B		580-82235	580-82172	03/14/2011 11:10	1	TAL SEA	FCW
A:Moisture	580-24938-A-20		580-82162		03/12/2011 12:13	1	TAL SEA	EK

Lab ID: 580-24938-21 **Client ID: YK-SB17(3-4)**

Sample Date/Time: 03/11/2011 09:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-21-A		580-82178	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-21-A		580-82178	580-82176	03/12/2011 21:30	1	TAL SEA	TR
P:3550B	580-24938-A-21-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-21-A		580-82189	580-82166	03/14/2011 10:10	1	TAL SEA	AP
P:3550B	580-24938-A-21-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-21-B		580-82183	580-82167	03/13/2011 20:05	1	TAL SEA	MAM
P:3050B	580-24938-A-21-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-21-C		580-82270	580-82170	03/14/2011 12:36	10	TAL SEA	FCW
P:7471A	580-24938-A-21-G		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-21-G		580-82235	580-82171	03/14/2011 11:28	1	TAL SEA	FCW
A:Moisture	580-24938-A-21		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-21 MS **Client ID: YK-SB17(3-4)**

Sample Date/Time: 03/11/2011 09:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-21-A MS		580-82178	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-21-A MS		580-82178	580-82176	03/12/2011 21:52	1	TAL SEA	TR
P:3050B	580-24938-A-21-E MS		580-82270	580-82170	03/12/2011 13:24	50	TAL SEA	PAB
A:6020	580-24938-A-21-E MS		580-82270	580-82170	03/14/2011 12:46	50	TAL SEA	FCW
P:7471A	580-24938-A-21-I MS		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-21-I MS		580-82235	580-82171	03/14/2011 11:33	1	TAL SEA	FCW

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-21 MSD **Client ID: YK-SB17(3-4)**

Sample Date/Time: 03/11/2011 09:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-21-A MSD		580-82178	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-21-A MSD		580-82178	580-82176	03/12/2011 22:14	1	TAL SEA	TR
P:3050B	580-24938-A-21-F MSD		580-82270	580-82170	03/12/2011 13:24	50	TAL SEA	PAB
A:6020	580-24938-A-21-F MSD		580-82270	580-82170	03/14/2011 12:51	50	TAL SEA	FCW
P:7471A	580-24938-A-21-J MSD		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-21-J MSD		580-82235	580-82171	03/14/2011 11:35	1	TAL SEA	FCW

Lab ID: 580-24938-21 DU **Client ID: YK-SB17(3-4)**

Sample Date/Time: 03/11/2011 09:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	580-24938-A-21-D DU		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-21-D DU		580-82270	580-82170	03/14/2011 12:41	10	TAL SEA	FCW
P:7471A	580-24938-A-21-H DU		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-21-H DU		580-82235	580-82171	03/14/2011 11:30	1	TAL SEA	FCW
A:Moisture	580-24938-A-21 DU		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-21 SD **Client ID: YK-SB17(3-4)**

Sample Date/Time: 03/11/2011 09:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	580-24938-A-21-C SD		580-82270	580-82170	03/12/2011 13:24	50	TAL SEA	PAB
A:6020	580-24938-A-21-C SD		580-82270	580-82170	03/14/2011 12:31	50	TAL SEA	FCW
P:3050B	580-24938-A-21-C PDS		580-82270	580-82170	03/12/2011 13:24	50	TAL SEA	PAB
A:6020	580-24938-A-21-C PDS		580-82270	580-82170	03/14/2011 12:56	50	TAL SEA	FCW

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-22 **Client ID: YK-SB18(0-1)**

Sample Date/Time: 03/11/2011 09:45 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-22-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-22-A		580-82177	580-82176	03/13/2011 13:57	1	TAL SEA	TR
P:3550B	580-24938-A-22-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-22-A		580-82189	580-82166	03/14/2011 10:31	1	TAL SEA	AP
P:3550B	580-24938-A-22-D		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-22-D		580-82183	580-82167	03/13/2011 20:19	1	TAL SEA	MAM
P:3050B	580-24938-A-22-E		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-22-E		580-82270	580-82170	03/14/2011 15:09	10	TAL SEA	FCW
P:7471A	580-24938-A-22-F		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-22-F		580-82235	580-82171	03/14/2011 11:38	1	TAL SEA	FCW
A:Moisture	580-24938-A-22		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-22 MS **Client ID: YK-SB18(0-1)**

Sample Date/Time: 03/11/2011 09:45 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24938-A-22-B MS		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-22-B MS		580-82189	580-82166	03/14/2011 10:52	1	TAL SEA	AP

Lab ID: 580-24938-22 MSD **Client ID: YK-SB18(0-1)**

Sample Date/Time: 03/11/2011 09:45 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24938-A-22-C MSD		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-22-C MSD		580-82189	580-82166	03/14/2011 11:13	1	TAL SEA	AP

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-23 **Client ID:** YK-SB18(3-4)

Sample Date/Time: 03/11/2011 09:50 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-23-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-23-A		580-82177	580-82176	03/13/2011 14:20	1	TAL SEA	TR
P:3550B	580-24938-A-23-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-23-A		580-82189	580-82166	03/14/2011 11:34	1	TAL SEA	AP
P:3550B	580-24938-A-23-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-23-B		580-82183	580-82167	03/13/2011 20:33	1	TAL SEA	MAM
P:3050B	580-24938-A-23-E		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-23-E		580-82270	580-82170	03/14/2011 13:32	10	TAL SEA	FCW
P:7471A	580-24938-A-23-F		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-23-F		580-82235	580-82171	03/14/2011 11:41	1	TAL SEA	FCW
A:Moisture	580-24938-A-23		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-23 MS **Client ID:** YK-SB18(3-4)

Sample Date/Time: 03/11/2011 09:50 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24938-A-23-C MS		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-23-C MS		580-82183	580-82167	03/13/2011 21:16	1	TAL SEA	MAM

Lab ID: 580-24938-23 MSD **Client ID:** YK-SB18(3-4)

Sample Date/Time: 03/11/2011 09:50 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	580-24938-A-23-D MSD		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-23-D MSD		580-82183	580-82167	03/13/2011 21:30	1	TAL SEA	MAM

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-24 **Client ID:** YK-MW-6(0-1)

Sample Date/Time: 03/11/2011 10:15 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-24-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-24-A		580-82177	580-82176	03/13/2011 14:42	1	TAL SEA	TR
P:3550B	580-24938-A-24-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-24-A		580-82189	580-82166	03/14/2011 11:55	1	TAL SEA	AP
P:3550B	580-24938-A-24-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-24-B		580-82183	580-82167	03/13/2011 21:44	1	TAL SEA	MAM
P:3050B	580-24938-A-24-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-24-C		580-82270	580-82170	03/14/2011 13:37	10	TAL SEA	FCW
P:7471A	580-24938-A-24-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-24-D		580-82235	580-82171	03/14/2011 11:48	1	TAL SEA	FCW
A:Moisture	580-24938-A-24		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-25 **Client ID:** YK-SB07(3-4)

Sample Date/Time: 03/11/2011 10:55 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-25-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-25-A		580-82177	580-82176	03/13/2011 15:04	1	TAL SEA	TR
P:3550B	580-24938-A-25-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-25-A		580-82189	580-82166	03/14/2011 12:16	1	TAL SEA	AP
P:3550B	580-24938-A-25-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-25-B		580-82183	580-82167	03/13/2011 21:58	1	TAL SEA	MAM
P:3050B	580-24938-A-25-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-25-C		580-82270	580-82170	03/14/2011 13:42	10	TAL SEA	FCW
P:7471A	580-24938-A-25-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-25-D		580-82235	580-82171	03/14/2011 11:51	1	TAL SEA	FCW
A:Moisture	580-24938-A-25		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-26 **Client ID:** YK-SB01(0-1)

Sample Date/Time: 03/11/2011 11:05 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-26-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-26-A		580-82177	580-82176	03/13/2011 15:26	1	TAL SEA	TR
P:3550B	580-24938-A-26-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-26-A		580-82189	580-82166	03/14/2011 17:33	1	TAL SEA	AP
P:3550B	580-24938-A-26-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-26-B		580-82183	580-82167	03/13/2011 22:12	1	TAL SEA	MAM
P:3050B	580-24938-A-26-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-26-C		580-82270	580-82170	03/14/2011 13:47	10	TAL SEA	FCW
P:7471A	580-24938-A-26-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-26-D		580-82235	580-82171	03/14/2011 11:54	1	TAL SEA	FCW
A:Moisture	580-24938-A-26		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-27 **Client ID:** YK-SB01(4-5)

Sample Date/Time: 03/11/2011 11:15 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-27-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-27-A		580-82177	580-82176	03/13/2011 15:48	1	TAL SEA	TR
P:3550B	580-24938-A-27-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-27-A		580-82189	580-82166	03/14/2011 12:59	1	TAL SEA	AP
P:3550B	580-24938-A-27-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-27-B		580-82183	580-82167	03/13/2011 22:26	1	TAL SEA	MAM
P:3050B	580-24938-A-27-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-27-C		580-82270	580-82170	03/14/2011 13:52	10	TAL SEA	FCW
P:7471A	580-24938-A-27-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-27-D		580-82235	580-82171	03/14/2011 11:56	1	TAL SEA	FCW
A:Moisture	580-24938-A-27		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-28 **Client ID:** YK-SB02(0-1)

Sample Date/Time: 03/11/2011 11:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-28-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-28-A		580-82177	580-82176	03/13/2011 16:10	1	TAL SEA	TR
P:3550B	580-24938-A-28-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-28-A		580-82189	580-82166	03/14/2011 13:20	1	TAL SEA	AP
P:3550B	580-24938-A-28-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-28-B		580-82183	580-82167	03/13/2011 22:40	1	TAL SEA	MAM
P:3050B	580-24938-A-28-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-28-C		580-82270	580-82170	03/14/2011 13:58	10	TAL SEA	FCW
P:7471A	580-24938-A-28-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-28-D		580-82235	580-82171	03/14/2011 11:59	1	TAL SEA	FCW
A:Moisture	580-24938-A-28		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-29 **Client ID:** YK-SB02(3-4)

Sample Date/Time: 03/11/2011 11:40 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-29-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-29-A		580-82177	580-82176	03/13/2011 16:32	1	TAL SEA	TR
P:3550B	580-24938-A-29-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-29-A		580-82189	580-82166	03/14/2011 13:41	1	TAL SEA	AP
P:3550B	580-24938-A-29-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-29-B		580-82183	580-82167	03/13/2011 22:55	1	TAL SEA	MAM
P:3050B	580-24938-A-29-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-29-C		580-82270	580-82170	03/14/2011 14:03	10	TAL SEA	FCW
P:7471A	580-24938-A-29-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-29-D		580-82235	580-82171	03/14/2011 12:01	1	TAL SEA	FCW
A:Moisture	580-24938-A-29		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-30 **Client ID: YK-SB03(0-1)**

Sample Date/Time: 03/11/2011 12:05 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-30-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-30-A		580-82177	580-82176	03/13/2011 16:54	1	TAL SEA	TR
P:3550B	580-24938-A-30-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-30-A		580-82189	580-82166	03/14/2011 14:02	1	TAL SEA	AP
P:3550B	580-24938-A-30-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-30-B		580-82183	580-82167	03/13/2011 23:09	1	TAL SEA	MAM
P:3050B	580-24938-A-30-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-30-C		580-82270	580-82170	03/14/2011 14:08	10	TAL SEA	FCW
P:7471A	580-24938-A-30-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-30-D		580-82235	580-82171	03/14/2011 12:04	1	TAL SEA	FCW
A:Moisture	580-24938-A-30		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-31 **Client ID: YK-SB03(3-4)**

Sample Date/Time: 03/11/2011 12:15 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-31-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-31-A		580-82177	580-82176	03/13/2011 17:17	1	TAL SEA	TR
P:3550B	580-24938-A-31-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-31-A		580-82189	580-82166	03/14/2011 14:23	1	TAL SEA	AP
P:3550B	580-24938-A-31-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-31-B		580-82183	580-82167	03/13/2011 23:23	1	TAL SEA	MAM
P:3050B	580-24938-A-31-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-31-C		580-82270	580-82170	03/14/2011 14:13	10	TAL SEA	FCW
P:7471A	580-24938-A-31-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-31-D		580-82235	580-82171	03/14/2011 12:07	1	TAL SEA	FCW
A:Moisture	580-24938-A-31		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-32 **Client ID:** YK-SB04(0-1)

Sample Date/Time: 03/11/2011 12:26 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-32-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-32-A		580-82177	580-82176	03/13/2011 17:39	1	TAL SEA	TR
P:3550B	580-24938-A-32-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-32-A		580-82189	580-82166	03/14/2011 14:44	1	TAL SEA	AP
P:3550B	580-24938-A-32-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-32-B		580-82183	580-82167	03/14/2011 00:06	1	TAL SEA	MAM
P:3050B	580-24938-A-32-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-32-C		580-82270	580-82170	03/14/2011 14:18	10	TAL SEA	FCW
P:7471A	580-24938-A-32-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-32-D		580-82235	580-82171	03/14/2011 12:09	1	TAL SEA	FCW
A:Moisture	580-24938-A-32		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-33 **Client ID:** YK-SB04(4-5)

Sample Date/Time: 03/11/2011 12:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-33-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-33-A		580-82177	580-82176	03/13/2011 18:01	1	TAL SEA	TR
P:3550B	580-24938-A-33-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-33-A		580-82189	580-82166	03/14/2011 15:05	1	TAL SEA	AP
P:3550B	580-24938-A-33-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-33-B		580-82183	580-82167	03/14/2011 00:20	1	TAL SEA	MAM
P:3050B	580-24938-A-33-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-33-C		580-82270	580-82170	03/14/2011 14:33	10	TAL SEA	FCW
P:7471A	580-24938-A-33-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-33-D		580-82235	580-82171	03/14/2011 12:12	1	TAL SEA	FCW
A:Moisture	580-24938-A-33		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-34 **Client ID:** YK-SB13(0-1)

Sample Date/Time: 03/11/2011 14:10 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-34-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-34-A		580-82177	580-82176	03/13/2011 18:23	1	TAL SEA	TR
P:3550B	580-24938-A-34-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-34-A		580-82189	580-82166	03/14/2011 15:27	1	TAL SEA	AP
P:3550B	580-24938-A-34-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-34-B		580-82183	580-82167	03/14/2011 00:34	1	TAL SEA	MAM
P:3050B	580-24938-A-34-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-34-C		580-82270	580-82170	03/14/2011 14:38	10	TAL SEA	FCW
P:7471A	580-24938-A-34-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-34-D		580-82235	580-82171	03/14/2011 12:20	1	TAL SEA	FCW
A:Moisture	580-24938-A-34		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-35 **Client ID:** YK-SB13(7-8)

Sample Date/Time: 03/11/2011 14:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-35-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-35-A		580-82177	580-82176	03/13/2011 18:45	1	TAL SEA	TR
P:3550B	580-24938-A-35-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-35-A		580-82189	580-82166	03/14/2011 15:48	1	TAL SEA	AP
P:3550B	580-24938-A-35-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-35-B		580-82183	580-82167	03/14/2011 00:48	1	TAL SEA	MAM
P:3050B	580-24938-A-35-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-35-C		580-82270	580-82170	03/14/2011 14:43	10	TAL SEA	FCW
P:7471A	580-24938-A-35-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-35-D		580-82235	580-82171	03/14/2011 12:22	1	TAL SEA	FCW
A:Moisture	580-24938-A-35		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-36 **Client ID:** YK-SB11(0-1)

Sample Date/Time: 03/11/2011 17:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-36-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-36-A		580-82177	580-82176	03/13/2011 19:07	1	TAL SEA	TR
P:3550B	580-24938-A-36-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-36-A		580-82189	580-82166	03/14/2011 16:09	1	TAL SEA	AP
P:3550B	580-24938-A-36-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-36-B		580-82183	580-82167	03/14/2011 01:02	1	TAL SEA	MAM
P:3050B	580-24938-A-36-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-36-C		580-82270	580-82170	03/14/2011 14:48	10	TAL SEA	FCW
P:7471A	580-24938-A-36-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-36-D		580-82235	580-82171	03/14/2011 12:25	1	TAL SEA	FCW
A:Moisture	580-24938-A-36		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-37 **Client ID:** YK-SB11(3-4)

Sample Date/Time: 03/11/2011 17:50 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-37-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-37-A		580-82177	580-82176	03/13/2011 19:29	1	TAL SEA	TR
P:3550B	580-24938-A-37-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-37-A		580-82189	580-82166	03/14/2011 16:30	1	TAL SEA	AP
P:3550B	580-24938-A-37-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-37-B		580-82183	580-82167	03/14/2011 01:16	1	TAL SEA	MAM
P:3050B	580-24938-A-37-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-37-C		580-82270	580-82170	03/14/2011 14:54	10	TAL SEA	FCW
P:7471A	580-24938-A-37-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-37-D		580-82235	580-82171	03/14/2011 12:27	1	TAL SEA	FCW
A:Moisture	580-24938-A-37		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Client: MWH Americas Inc Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: 580-24938-38 **Client ID:** YK-SB12(0-1)

Sample Date/Time: 03/11/2011 17:55 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-B-38-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-B-38-A		580-82177	580-82176	03/13/2011 19:51	1	TAL SEA	TR
P:3550B	580-24938-A-38-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-A-38-A		580-82189	580-82166	03/14/2011 16:51	1	TAL SEA	AP
P:3550B	580-24938-A-38-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-A-38-B		580-82183	580-82167	03/14/2011 01:30	1	TAL SEA	MAM
P:3050B	580-24938-A-38-C		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-38-C		580-82270	580-82170	03/14/2011 14:59	10	TAL SEA	FCW
P:7471A	580-24938-A-38-D		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-38-D		580-82235	580-82171	03/14/2011 12:30	1	TAL SEA	FCW
A:Moisture	580-24938-A-38		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-39 **Client ID:** YK-SB10(0-1)

Sample Date/Time: 03/11/2011 18:17 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-A-39-C		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-A-39-C		580-82177	580-82176	03/13/2011 20:14	1	TAL SEA	TR
P:3550B	580-24938-B-39-A		580-82189	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	580-24938-B-39-A		580-82189	580-82166	03/14/2011 17:12	1	TAL SEA	AP
P:3550B	580-24938-B-39-B		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	580-24938-B-39-B		580-82183	580-82167	03/14/2011 01:44	1	TAL SEA	MAM
P:3050B	580-24938-A-39-A		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	580-24938-A-39-A		580-82270	580-82170	03/14/2011 15:04	10	TAL SEA	FCW
P:7471A	580-24938-A-39-B		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	580-24938-A-39-B		580-82235	580-82171	03/14/2011 12:33	1	TAL SEA	FCW
A:Moisture	580-24938-B-39		580-82168		03/12/2011 12:33	1	TAL SEA	DB

Lab ID: 580-24938-40 **Client ID:** YK-Methanol Blank

Sample Date/Time: 03/11/2011 06:30 Received Date/Time: 03/12/2011 09:25

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	580-24938-A-40-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	580-24938-A-40-A		580-82177	580-82176	03/13/2011 13:35	1	TAL SEA	TR

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	MB 580-82175/1-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	MB 580-82175/1-A		580-82178	580-82175	03/12/2011 18:33	1	TAL SEA	TR
P:5035	MB 580-82176/1-A		580-82178	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	MB 580-82176/1-A		580-82178	580-82176	03/12/2011 18:55	1	TAL SEA	TR
P:5035	MB 580-82176/1-A		580-82177	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	MB 580-82176/1-A		580-82177	580-82176	03/13/2011 12:51	1	TAL SEA	TR
P:5035	MB 580-82175/1-A		580-82301	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	MB 580-82175/1-A		580-82301	580-82175	03/15/2011 13:32	1	TAL SEA	TR
P:3550B	MB 580-82166/1-A		580-82179	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	MB 580-82166/1-A		580-82179	580-82166	03/13/2011 11:47	1	TAL SEA	CM
P:3550B	MB 580-82163/1-A		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	MB 580-82163/1-A		580-82194	580-82163	03/14/2011 09:24	1	TAL SEA	CM
P:3550B	MB 580-82167/1-A		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	MB 580-82167/1-A		580-82183	580-82167	03/13/2011 18:26	1	TAL SEA	MAM
P:3550B	MB 580-82225/1-A		580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	MB 580-82225/1-A		580-82198	580-82225	03/14/2011 17:08	1	TAL SEA	MAM
P:3050B	MB 580-82169/23-A		580-82234	580-82169	03/12/2011 13:12	10	TAL SEA	PAB
A:6020	MB 580-82169/23-A		580-82234	580-82169	03/14/2011 09:31	10	TAL SEA	FCW
P:3050B	MB 580-82170/23-A		580-82270	580-82170	03/12/2011 13:24	10	TAL SEA	PAB
A:6020	MB 580-82170/23-A		580-82270	580-82170	03/14/2011 12:25	10	TAL SEA	FCW
P:7471A	MB 580-82172/23-A		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	MB 580-82172/23-A		580-82235	580-82172	03/14/2011 09:54	1	TAL SEA	FCW
P:7471A	MB 580-82171/23-A		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	MB 580-82171/23-A		580-82235	580-82171	03/14/2011 11:17	1	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	LCS 580-82175/2-A		580-82178	580-82175	03/12/2011 17:04	1	TAL SEA	TR
A:8260B	LCS 580-82175/2-A		580-82178	580-82175	03/12/2011 19:17	1	TAL SEA	TR
P:5035	LCS 580-82176/2-A		580-82178	580-82176	03/12/2011 17:07	1	TAL SEA	TR
A:8260B	LCS 580-82176/2-A		580-82178	580-82176	03/12/2011 19:39	1	TAL SEA	TR
P:3550B	LCS 580-82166/2-A		580-82179	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	LCS 580-82166/2-A		580-82179	580-82166	03/13/2011 12:08	1	TAL SEA	CM
P:3550B	LCS 580-82163/2-A		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	LCS 580-82163/2-A		580-82194	580-82163	03/14/2011 09:43	1	TAL SEA	CM
P:3550B	LCS 580-82167/2-A		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	LCS 580-82167/2-A		580-82183	580-82167	03/13/2011 19:37	1	TAL SEA	MAM
P:3550B	LCS 580-82225/2-A		580-82198	580-82225	03/14/2011 12:03	1	TAL SEA	KKW
A:8082	LCS 580-82225/2-A		580-82198	580-82225	03/14/2011 17:23	1	TAL SEA	MAM
P:3050B	LCS 580-82169/24-A		580-82234	580-82169	03/12/2011 13:12	50	TAL SEA	PAB
A:6020	LCS 580-82169/24-A		580-82234	580-82169	03/14/2011 10:06	50	TAL SEA	FCW
P:3050B	LCS 580-82170/24-A		580-82270	580-82170	03/12/2011 13:24	50	TAL SEA	PAB
A:6020	LCS 580-82170/24-A		580-82270	580-82170	03/14/2011 13:01	50	TAL SEA	FCW
P:7471A	LCS 580-82172/24-A		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	LCS 580-82172/24-A		580-82235	580-82172	03/14/2011 09:57	1	TAL SEA	FCW
P:7471A	LCS 580-82171/24-A		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	LCS 580-82171/24-A		580-82235	580-82171	03/14/2011 11:20	1	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-24938-1

Laboratory Chronicle

Lab ID: LCSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550B	LCSD 580-82166/3-A		580-82179	580-82166	03/12/2011 12:31	1	TAL SEA	DB
A:8270C	LCSD 580-82166/3-A		580-82179	580-82166	03/13/2011 12:29	1	TAL SEA	CM
P:3550B	LCSD 580-82163/3-A		580-82194	580-82163	03/12/2011 12:16	1	TAL SEA	EK
A:8270C	LCSD 580-82163/3-A		580-82194	580-82163	03/14/2011 10:02	1	TAL SEA	CM
P:3550B	LCSD 580-82167/3-A		580-82183	580-82167	03/12/2011 12:32	1	TAL SEA	DB
A:8082	LCSD 580-82167/3-A		580-82183	580-82167	03/13/2011 19:51	1	TAL SEA	MAM
P:3050B	LCSD 580-82169/25-A		580-82234	580-82169	03/12/2011 13:12	50	TAL SEA	PAB
A:6020	LCSD 580-82169/25-A		580-82234	580-82169	03/14/2011 10:12	50	TAL SEA	FCW
P:3050B	LCSD 580-82170/25-A		580-82270	580-82170	03/12/2011 13:24	50	TAL SEA	PAB
A:6020	LCSD 580-82170/25-A		580-82270	580-82170	03/14/2011 13:06	50	TAL SEA	FCW
P:7471A	LCSD 580-82172/25-A		580-82235	580-82172	03/12/2011 13:38	1	TAL SEA	PAB
A:7471A	LCSD 580-82172/25-A		580-82235	580-82172	03/14/2011 10:00	1	TAL SEA	FCW
P:7471A	LCSD 580-82171/25-A		580-82235	580-82171	03/12/2011 13:34	1	TAL SEA	PAB
A:7471A	LCSD 580-82171/25-A		580-82235	580-82171	03/14/2011 11:22	1	TAL SEA	FCW

Lab ID: LCSSRM **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSSRM 580-82169/26-A		580-82234	580-82169	03/12/2011 13:12	20	TAL SEA	PAB
A:6020	LCSSRM 580-82169/26-A		580-82234	580-82169	03/14/2011 10:17	20	TAL SEA	FCW
P:3050B	LCSSRM 580-82170/26-A		580-82270	580-82170	03/12/2011 13:24	20	TAL SEA	PAB
A:6020	LCSSRM 580-82170/26-A		580-82270	580-82170	03/14/2011 13:11	20	TAL SEA	FCW
P:7471A	LCSSRM 580-82172/26-A		580-82235	580-82172	03/12/2011 13:38	10	TAL SEA	PAB
A:7471A	LCSSRM 580-82172/26-A		580-82235	580-82172	03/14/2011 10:02	10	TAL SEA	FCW
P:7471A	LCSSRM 580-82171/26-A		580-82235	580-82171	03/12/2011 13:34	10	TAL SEA	PAB
A:7471A	LCSSRM 580-82171/26-A		580-82235	580-82171	03/14/2011 11:25	10	TAL SEA	FCW

Lab References:

TAL SEA = TestAmerica Seattle

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TFT #	TOL #	EBD10 #	BFB #
	MB 580-82175/1-A	100	110	90	107	95
	MB 580-82176/1-A	102	105	92	119	102

	QC LIMITS
FB = Fluorobenzene (Surr)	75-125
TFT = Trifluorotoluene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TOL #	EBD10 #	BFB #
YK-SB08(0-1)	580-24938-1	102	89	124	102
YK-SB08(4-5)	580-24938-2	105	89	123	106
YK-SB14(0-1)	580-24938-3	102	88	120	103
YK-SB14(4-5)	580-24938-4	105	89	125	108
YK-SB06(0-1)	580-24938-5	102	89	127 X	106
YK-SB06(4-5)	580-24938-6	106	88	122	104
YK-SB15(0-1)	580-24938-7	103	89	123	104
YK-SB15(4-5)	580-24938-8	103	91	127 X	105
YK-Methanol Blank	580-24938-9	103	89	117	100
YK-MW-6(4-5)	580-24938-10	104	90	124	107
YK-MW-6(4-5)D	580-24938-11	104	89	126 X	107
YK-SB07(0-1)	580-24938-12	102	88	125	104
YK-MW-7(0-1)	580-24938-13	101	87	123	108
YK-MW-7(4-5)	580-24938-14	105	89	123	102
YK-MW-5(0-1) RA	580-24938-15 RA	101	88	115	101
YK-MW-5(2-3) RA	580-24938-16 RA	103	88	114	99
YK-SB16(0-1) RA	580-24938-17 RA	104	86	115	99
YK-SB16(3-4) RA	580-24938-18 RA	103	86	116	98
YK-SB17(0-1) RA	580-24938-19 RA	100	86	113	98
YK-SB17(0-1)D RA	580-24938-20 RA	102	86	118	101
YK-SB17(3-4)	580-24938-21	105	89	125	103
YK-SB18(0-1)	580-24938-22	106	90	123	102
YK-SB18(3-4)	580-24938-23	104	87	125	105
YK-MW-6(0-1)	580-24938-24	105	89	132 X	106
YK-SB07(3-4)	580-24938-25	105	88	123	107
YK-SB01(0-1)	580-24938-26	104	89	131 X	106
YK-SB01(4-5)	580-24938-27	105	89	131 X	112
YK-SB02(0-1)	580-24938-28	103	87	126 X	105
YK-SB02(3-4)	580-24938-29	102	88	126 X	106
YK-SB03(0-1)	580-24938-30	104	88	125	103
YK-SB03(3-4)	580-24938-31	101	87	125	104
YK-SB04(0-1)	580-24938-32	102	87	125	104
YK-SB04(4-5)	580-24938-33	104	89	126 X	106
YK-SB13(0-1)	580-24938-34	104	87	123	104
YK-SB13(7-8)	580-24938-35	104	87	123	107

	QC LIMITS
FB = Fluorobenzene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TOL #	EBD10 #	BFB #
YK-SB11(0-1)	580-24938-36	102	87	124	101
YK-SB11(3-4)	580-24938-37	102	87	123	102
YK-SB12(0-1)	580-24938-38	102	88	124	101
YK-SB10(0-1)	580-24938-39	101	89	142 X	115
YK-Methanol Blank	580-24938-40	99	89	120	104
	MB 580-82175/1-A	103	91	115	98
	MB 580-82176/1-A	104	93	119	107
	LCS 580-82175/2-A	104	92	128 X	101
	LCS 580-82176/2-A	105	92	126 X	104
YK-SB08(0-1) MS	580-24938-1 MS	105	91	134 X	106
YK-SB17(3-4) MS	580-24938-21 MS	104	92	131 X	104
YK-SB08(0-1) MSD	580-24938-1 MSD	104	91	125	106
YK-SB17(3-4) MSD	580-24938-21 MSD	105	90	130 X	107

	QC LIMITS
FB = Fluorobenzene (Surr)	75-125
TOL = Toluene-d8 (Surr)	85-115
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VB00134480.D

Lab ID: LCS 580-82175/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	800	902	113	65-135	
Benzene	800	931	116	75-125	
Trichloroethene	800	912	114	75-125	
Toluene	800	910	114	70-125	
Chlorobenzene	800	1260	157	75-125	*

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VB00134481.D

Lab ID: LCS 580-82176/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	800	772	96	65-135	
Benzene	800	817	102	75-125	
Trichloroethene	800	808	101	75-125	
Toluene	800	776	97	70-125	
Chlorobenzene	800	1090	136	75-125	*

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VB00134484.D

Lab ID: 580-24938-1 MS Client ID: YK-SB08(0-1) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	599	ND	513	86	65-135	
Benzene	599	ND	548	91	75-125	
Trichloroethene	599	ND	530	88	75-125	
Toluene	599	ND	517	86	70-125	
Chlorobenzene	599	ND	753	126	75-125	F ^

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VB00134487.D

Lab ID: 580-24938-21 MS Client ID: YK-SB17(3-4) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	741	ND	723	98	65-135	
Benzene	741	ND	766	103	75-125	
Trichloroethene	741	ND	747	101	75-125	
Toluene	741	ND	725	98	70-125	
Chlorobenzene	741	18 J	1060	140	75-125	F ^

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VB00134485.D

Lab ID: 580-24938-1 MSD Client ID: YK-SB08(0-1) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	599	444	74	14	30	65-135	
Benzene	599	479	80	14	30	75-125	
Trichloroethene	599	464	77	13	30	75-125	
Toluene	599	454	76	13	30	70-125	
Chlorobenzene	599	632	106	17	30	75-125	^

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VB00134488.D

Lab ID: 580-24938-21 MSD Client ID: YK-SB17(3-4) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	741	708	96	2	30	65-135	
Benzene	741	769	104	0	30	75-125	
Trichloroethene	741	755	102	1	30	75-125	
Toluene	741	728	98	0	30	70-125	
Chlorobenzene	741	1050	140	0	30	75-125	F ^

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134478.D Lab Sample ID: MB 580-82175/1-A

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: TAC043 Date Analyzed: 03/12/2011 18:33

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-82175/2-A	VB00134480.D	03/12/2011 19:17
YK-Methanol Blank	580-24938-9	VB00134482.D	03/12/2011 20:01
YK-SB08(0-1)	580-24938-1	VB00134483.D	03/12/2011 20:24
YK-SB08(0-1) MS	580-24938-1 MS	VB00134484.D	03/12/2011 20:46
YK-SB08(0-1) MSD	580-24938-1 MSD	VB00134485.D	03/12/2011 21:08
YK-SB08(4-5)	580-24938-2	VB00134489.D	03/12/2011 22:37
YK-SB14(0-1)	580-24938-3	VB00134490.D	03/12/2011 22:59
YK-SB14(4-5)	580-24938-4	VB00134491.D	03/12/2011 23:21
YK-SB06(0-1)	580-24938-5	VB00134492.D	03/12/2011 23:43
YK-SB06(4-5)	580-24938-6	VB00134493.D	03/13/2011 00:05
YK-SB15(0-1)	580-24938-7	VB00134494.D	03/13/2011 00:28
YK-SB15(4-5)	580-24938-8	VB00134495.D	03/13/2011 00:50
YK-MW-6(4-5)	580-24938-10	VB00134496.D	03/13/2011 01:12
YK-MW-6(4-5)D	580-24938-11	VB00134497.D	03/13/2011 01:34
YK-SB07(0-1)	580-24938-12	VB00134498.D	03/13/2011 01:56
YK-MW-7(0-1)	580-24938-13	VB00134499.D	03/13/2011 03:19
YK-MW-7(4-5)	580-24938-14	VB00134500.D	03/13/2011 03:41

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134561.D Lab Sample ID: MB 580-82175/1-A

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: TAC043 Date Analyzed: 03/15/2011 13:32

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YK-MW-5(0-1) RA	580-24938-15 RA	VB00134562.D	03/15/2011 13:54
YK-MW-5(2-3) RA	580-24938-16 RA	VB00134563.D	03/15/2011 14:17
YK-SB16(0-1) RA	580-24938-17 RA	VB00134564.D	03/15/2011 14:39
YK-SB16(3-4) RA	580-24938-18 RA	VB00134565.D	03/15/2011 15:01
YK-SB17(0-1) RA	580-24938-19 RA	VB00134566.D	03/15/2011 15:23
YK-SB17(0-1)D RA	580-24938-20 RA	VB00134567.D	03/15/2011 15:46

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134479.D Lab Sample ID: MB 580-82176/1-A

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: TAC043 Date Analyzed: 03/12/2011 18:55

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-82176/2-A	VB00134481.D	03/12/2011 19:39
YK-SB17(3-4)	580-24938-21	VB00134486.D	03/12/2011 21:30
YK-SB17(3-4) MS	580-24938-21 MS	VB00134487.D	03/12/2011 21:52
YK-SB17(3-4) MSD	580-24938-21 MSD	VB00134488.D	03/12/2011 22:14

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134512.D Lab Sample ID: MB 580-82176/1-A

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: TAC043 Date Analyzed: 03/13/2011 12:51

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YK-Methanol Blank	580-24938-40	VB00134514.D	03/13/2011 13:35
YK-SB18(0-1)	580-24938-22	VB00134515.D	03/13/2011 13:57
YK-SB18(3-4)	580-24938-23	VB00134516.D	03/13/2011 14:20
YK-MW-6(0-1)	580-24938-24	VB00134517.D	03/13/2011 14:42
YK-SB07(3-4)	580-24938-25	VB00134518.D	03/13/2011 15:04
YK-SB01(0-1)	580-24938-26	VB00134519.D	03/13/2011 15:26
YK-SB01(4-5)	580-24938-27	VB00134520.D	03/13/2011 15:48
YK-SB02(0-1)	580-24938-28	VB00134521.D	03/13/2011 16:10
YK-SB02(3-4)	580-24938-29	VB00134522.D	03/13/2011 16:32
YK-SB03(0-1)	580-24938-30	VB00134523.D	03/13/2011 16:54
YK-SB03(3-4)	580-24938-31	VB00134524.D	03/13/2011 17:17
YK-SB04(0-1)	580-24938-32	VB00134525.D	03/13/2011 17:39
YK-SB04(4-5)	580-24938-33	VB00134526.D	03/13/2011 18:01
YK-SB13(0-1)	580-24938-34	VB00134527.D	03/13/2011 18:23
YK-SB13(7-8)	580-24938-35	VB00134528.D	03/13/2011 18:45
YK-SB11(0-1)	580-24938-36	VB00134529.D	03/13/2011 19:07
YK-SB11(3-4)	580-24938-37	VB00134530.D	03/13/2011 19:29
YK-SB12(0-1)	580-24938-38	VB00134531.D	03/13/2011 19:51
YK-SB10(0-1)	580-24938-39	VB00134532.D	03/13/2011 20:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134395.D BFB Injection Date: 03/10/2011

Instrument ID: TAC043 BFB Injection Time: 18:49

Analysis Batch No.: 82074

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	49.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.7	(0.7)1
174	50.0 - 120.00 % of mass 95	95.8	
175	5.0 - 9.0 % of mass 174	6.6	(6.8)1
176	95.0 - 101.0 % of mass 174	93.0	(97.1)1
177	5.0 - 9.0 % of mass 176	6.2	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD02 580-82074/3	VB00134397 .D	03/10/2011	19:13
	STD1 580-82074/4	VB00134399 .D	03/10/2011	19:37
	STD2 580-82074/5	VB00134401 .D	03/10/2011	20:01
	STD5 580-82074/6	VB00134403 .D	03/10/2011	20:25
	STD10 580-82074/7	VB00134405 .D	03/10/2011	20:50
	STD20 580-82074/8	VB00134407 .D	03/10/2011	21:14
	STD50 580-82074/9	VB00134409 .D	03/10/2011	21:38
	STD100 580-82074/10	VB00134411 .D	03/10/2011	22:02
	STD150 580-82074/11	VB00134413 .D	03/10/2011	22:26
	STD200 580-82074/12	VB00134415 .D	03/10/2011	22:50
	ICV 580-82074/14	VB00134419 .D	03/10/2011	23:39
	ICV 580-82074/15	VB00134421 .D	03/11/2011	00:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134474.D BFB Injection Date: 03/12/2011

Instrument ID: TAC043 BFB Injection Time: 17:04

Analysis Batch No.: 82178

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.5	
75	30.0 - 60.0 % of mass 95	50.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.8	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	93.8	
175	5.0 - 9.0 % of mass 174	7.1	(7.5)1
176	95.0 - 101.0 % of mass 174	91.1	(97.1)1
177	5.0 - 9.0 % of mass 176	5.7	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82178/3	VB00134475.D	03/12/2011	17:26
	MB 580-82175/1-A	VB00134478.D	03/12/2011	18:33
	MB 580-82176/1-A	VB00134479.D	03/12/2011	18:55
	LCS 580-82175/2-A	VB00134480.D	03/12/2011	19:17
	LCS 580-82176/2-A	VB00134481.D	03/12/2011	19:39
YK-Methanol Blank	580-24938-9	VB00134482.D	03/12/2011	20:01
YK-SB08(0-1)	580-24938-1	VB00134483.D	03/12/2011	20:24
YK-SB08(0-1) MS	580-24938-1 MS	VB00134484.D	03/12/2011	20:46
YK-SB08(0-1) MSD	580-24938-1 MSD	VB00134485.D	03/12/2011	21:08
YK-SB17(3-4)	580-24938-21	VB00134486.D	03/12/2011	21:30
YK-SB17(3-4) MS	580-24938-21 MS	VB00134487.D	03/12/2011	21:52
YK-SB17(3-4) MSD	580-24938-21 MSD	VB00134488.D	03/12/2011	22:14
YK-SB08(4-5)	580-24938-2	VB00134489.D	03/12/2011	22:37
YK-SB14(0-1)	580-24938-3	VB00134490.D	03/12/2011	22:59
YK-SB14(4-5)	580-24938-4	VB00134491.D	03/12/2011	23:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134474.D BFB Injection Date: 03/12/2011

Instrument ID: TAC043 BFB Injection Time: 17:04

Analysis Batch No.: 82178

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.5	
75	30.0 - 60.0 % of mass 95	50.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.8	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	93.8	
175	5.0 - 9.0 % of mass 174	7.1	(7.5)1
176	95.0 - 101.0 % of mass 174	91.1	(97.1)1
177	5.0 - 9.0 % of mass 176	5.7	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YK-SB06(0-1)	580-24938-5	VB00134492.D	03/12/2011	23:43
YK-SB06(4-5)	580-24938-6	VB00134493.D	03/13/2011	00:05
YK-SB15(0-1)	580-24938-7	VB00134494.D	03/13/2011	00:28
YK-SB15(4-5)	580-24938-8	VB00134495.D	03/13/2011	00:50
YK-MW-6(4-5)	580-24938-10	VB00134496.D	03/13/2011	01:12
YK-MW-6(4-5)D	580-24938-11	VB00134497.D	03/13/2011	01:34
YK-SB07(0-1)	580-24938-12	VB00134498.D	03/13/2011	01:56
YK-MW-7(0-1)	580-24938-13	VB00134499.D	03/13/2011	03:19
YK-MW-7(4-5)	580-24938-14	VB00134500.D	03/13/2011	03:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134508.D BFB Injection Date: 03/13/2011

Instrument ID: TAC043 BFB Injection Time: 11:22

Analysis Batch No.: 82177

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	1.1	(1.2)1
174	50.0 - 120.00 % of mass 95	94.5	
175	5.0 - 9.0 % of mass 174	6.3	(6.7)1
176	95.0 - 101.0 % of mass 174	91.2	(96.5)1
177	5.0 - 9.0 % of mass 176	6.5	(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82177/2	VB00134509.D	03/13/2011	11:45
	MB 580-82176/1-A	VB00134512.D	03/13/2011	12:51
YK-Methanol Blank	580-24938-40	VB00134514.D	03/13/2011	13:35
YK-SB18(0-1)	580-24938-22	VB00134515.D	03/13/2011	13:57
YK-SB18(3-4)	580-24938-23	VB00134516.D	03/13/2011	14:20
YK-MW-6(0-1)	580-24938-24	VB00134517.D	03/13/2011	14:42
YK-SB07(3-4)	580-24938-25	VB00134518.D	03/13/2011	15:04
YK-SB01(0-1)	580-24938-26	VB00134519.D	03/13/2011	15:26
YK-SB01(4-5)	580-24938-27	VB00134520.D	03/13/2011	15:48
YK-SB02(0-1)	580-24938-28	VB00134521.D	03/13/2011	16:10
YK-SB02(3-4)	580-24938-29	VB00134522.D	03/13/2011	16:32
YK-SB03(0-1)	580-24938-30	VB00134523.D	03/13/2011	16:54
YK-SB03(3-4)	580-24938-31	VB00134524.D	03/13/2011	17:17
YK-SB04(0-1)	580-24938-32	VB00134525.D	03/13/2011	17:39
YK-SB04(4-5)	580-24938-33	VB00134526.D	03/13/2011	18:01

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134508.D BFB Injection Date: 03/13/2011

Instrument ID: TAC043 BFB Injection Time: 11:22

Analysis Batch No.: 82177

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	1.1	(1.2)1
174	50.0 - 120.00 % of mass 95	94.5	
175	5.0 - 9.0 % of mass 174	6.3	(6.7)1
176	95.0 - 101.0 % of mass 174	91.2	(96.5)1
177	5.0 - 9.0 % of mass 176	6.5	(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YK-SB13(0-1)	580-24938-34	VB00134527.D	03/13/2011	18:23
YK-SB13(7-8)	580-24938-35	VB00134528.D	03/13/2011	18:45
YK-SB11(0-1)	580-24938-36	VB00134529.D	03/13/2011	19:07
YK-SB11(3-4)	580-24938-37	VB00134530.D	03/13/2011	19:29
YK-SB12(0-1)	580-24938-38	VB00134531.D	03/13/2011	19:51
YK-SB10(0-1)	580-24938-39	VB00134532.D	03/13/2011	20:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: VB00134557.D BFB Injection Date: 03/15/2011

Instrument ID: TAC043 BFB Injection Time: 11:58

Analysis Batch No.: 82301

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	50.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.6	(0.6)1
174	50.0 - 120.00 % of mass 95	104.5	
175	5.0 - 9.0 % of mass 174	8.6	(8.2)1
176	95.0 - 101.0 % of mass 174	99.2	(95.0)1
177	5.0 - 9.0 % of mass 176	6.9	(7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82301/3	VB00134558.D	03/15/2011	12:20
	MB 580-82175/1-A	VB00134561.D	03/15/2011	13:32
YK-MW-5(0-1) RA	580-24938-15 RA	VB00134562.D	03/15/2011	13:54
YK-MW-5(2-3) RA	580-24938-16 RA	VB00134563.D	03/15/2011	14:17
YK-SB16(0-1) RA	580-24938-17 RA	VB00134564.D	03/15/2011	14:39
YK-SB16(3-4) RA	580-24938-18 RA	VB00134565.D	03/15/2011	15:01
YK-SB17(0-1) RA	580-24938-19 RA	VB00134566.D	03/15/2011	15:23
YK-SB17(0-1)D RA	580-24938-20 RA	VB00134567.D	03/15/2011	15:46

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: STD50 580-82074/9 Date Analyzed: 03/10/2011 21:38

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): VB00134409.D Heated Purge: (Y/N) N

Calibration ID: 7415

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		998744	2.28	1249483	2.57	253452	4.71
UPPER LIMIT		1997488	2.78	2498966	3.07	506904	5.21
LOWER LIMIT		499372	1.78	624742	2.07	126726	4.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-82074/14		1107606	2.28	1467777	2.57	249231	4.71
ICV 580-82074/15		1048966	2.28	1330746	2.57	258923	4.71

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82178/3 Date Analyzed: 03/12/2011 17:26

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): VB00134475.D Heated Purge: (Y/N) N

Calibration ID: 7415

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		997819	2.28	1368724	2.57	239793	4.71
UPPER LIMIT		1995638	2.78	2737448	3.07	479586	5.21
LOWER LIMIT		498910	1.78	684362	2.07	119897	4.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82175/1-A		964803	2.28	1322710	2.57	196181	4.71
MB 580-82176/1-A		976036	2.28	1348942	2.57	196804	4.71
LCS 580-82175/2-A		976531	2.28	1331112	2.57	197327	4.71
LCS 580-82176/2-A		959697	2.28	1328010	2.56	194829	4.71
580-24938-9	YK-Methanol Blank	964785	2.28	1334633	2.57	195143	4.71
580-24938-1	YK-SB08(0-1)	973162	2.28	1346492	2.57	191568	4.71
580-24938-1 MS	YK-SB08(0-1) MS	975595	2.28	1375599	2.57	198901	4.71
580-24938-1 MSD	YK-SB08(0-1) MSD	985000	2.28	1377610	2.57	207014	4.71
580-24938-21	YK-SB17(3-4)	957384	2.28	1367977	2.57	195303	4.71
580-24938-21 MS	YK-SB17(3-4) MS	967933	2.28	1364600	2.57	199817	4.71
580-24938-21 MSD	YK-SB17(3-4) MSD	975462	2.28	1369268	2.57	200758	4.71
580-24938-2	YK-SB08(4-5)	958452	2.28	1374961	2.57	195675	4.71
580-24938-3	YK-SB14(0-1)	949113	2.28	1324759	2.57	187558	4.71
580-24938-4	YK-SB14(4-5)	956437	2.28	1376546	2.57	192234	4.71
580-24938-5	YK-SB06(0-1)	972183	2.28	1362138	2.57	190107	4.71
580-24938-6	YK-SB06(4-5)	954453	2.28	1377320	2.57	194057	4.71
580-24938-7	YK-SB15(0-1)	970633	2.28	1355165	2.57	191054	4.71
580-24938-8	YK-SB15(4-5)	977078	2.28	1383948	2.57	190371	4.71
580-24938-10	YK-MW-6(4-5)	971240	2.28	1383149	2.57	193025	4.71
580-24938-11	YK-MW-6(4-5)D	953960	2.28	1342634	2.57	190599	4.71
580-24938-12	YK-SB07(0-1)	956716	2.28	1357862	2.57	184571	4.71
580-24938-13	YK-MW-7(0-1)	945197	2.28	1349247	2.57	183116	4.71
580-24938-14	YK-MW-7(4-5)	959030	2.28	1371675	2.57	188690	4.71

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82177/2 Date Analyzed: 03/13/2011 11:45

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): VB00134509.D Heated Purge: (Y/N) N

Calibration ID: 7415

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		991398	2.28	1338958	2.57	236826	4.71
UPPER LIMIT		1982796	2.78	2677916	3.07	473652	5.21
LOWER LIMIT		495699	1.78	669479	2.07	118413	4.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82176/1-A		963588	2.28	1334277	2.57	188691	4.71
580-24938-40	YK-Methanol Blank	949727	2.28	1280428	2.57	178661	4.71
580-24938-22	YK-SB18(0-1)	950381	2.28	1354874	2.57	188398	4.71
580-24938-23	YK-SB18(3-4)	967785	2.28	1381066	2.57	189380	4.71
580-24938-24	YK-MW-6(0-1)	957713	2.28	1371144	2.57	186797	4.71
580-24938-25	YK-SB07(3-4)	939598	2.28	1334925	2.57	183126	4.71
580-24938-26	YK-SB01(0-1)	963705	2.28	1400276	2.57	190573	4.71
580-24938-27	YK-SB01(4-5)	965378	2.28	1384035	2.57	189325	4.71
580-24938-28	YK-SB02(0-1)	960875	2.28	1364444	2.57	184042	4.71
580-24938-29	YK-SB02(3-4)	947295	2.28	1331507	2.57	181689	4.71
580-24938-30	YK-SB03(0-1)	951357	2.28	1359475	2.57	188089	4.71
580-24938-31	YK-SB03(3-4)	956695	2.28	1345972	2.57	183056	4.71
580-24938-32	YK-SB04(0-1)	940343	2.28	1342314	2.57	181540	4.71
580-24938-33	YK-SB04(4-5)	953761	2.28	1356774	2.57	186741	4.71
580-24938-34	YK-SB13(0-1)	952401	2.28	1357376	2.57	185354	4.71
580-24938-35	YK-SB13(7-8)	942886	2.28	1367922	2.57	187203	4.71
580-24938-36	YK-SB11(0-1)	946929	2.28	1334419	2.57	184621	4.71
580-24938-37	YK-SB11(3-4)	947846	2.28	1333562	2.57	184204	4.71
580-24938-38	YK-SB12(0-1)	943973	2.28	1329169	2.57	180009	4.71
580-24938-39	YK-SB10(0-1)	958719	2.28	1342336	2.57	159559	4.71

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82301/3 Date Analyzed: 03/15/2011 12:20

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): VB00134558.D Heated Purge: (Y/N) N

Calibration ID: 7415

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1033208	2.28	1400860	2.57	264974	4.71
UPPER LIMIT		2066416	2.78	2801720	3.07	529948	5.21
LOWER LIMIT		516604	1.78	700430	2.07	132487	4.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82175/1-A		1000845	2.28	1376031	2.57	207058	4.71
580-24938-15 RA	YK-MW-5(0-1) RA	996904	2.28	1390905	2.57	202283	4.71
580-24938-16 RA	YK-MW-5(2-3) RA	973425	2.28	1366610	2.57	202615	4.71
580-24938-17 RA	YK-SB16(0-1) RA	974827	2.28	1381288	2.57	201874	4.71
580-24938-18 RA	YK-SB16(3-4) RA	994429	2.28	1393710	2.57	197651	4.71
580-24938-19 RA	YK-SB17(0-1) RA	960963	2.28	1331947	2.57	192361	4.71
580-24938-20 RA	YK-SB17(0-1)D RA	982919	2.28	1399185	2.57	197782	4.71

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) | Lab Sample ID: 580-24938-1

Matrix: Solid | Lab File ID: VB00134483.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:30

Sample wt/vol: 17.03(g) | Date Analyzed: 03/12/2011 20:24

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		30	7.5
74-87-3	Chloromethane	ND		300	75
75-01-4	Vinyl chloride	ND		6.0	1.5
74-83-9	Bromomethane	ND		100	26
75-00-3	Chloroethane	ND		300	75
75-69-4	Trichlorofluoromethane	ND		30	7.5
75-35-4	1,1-Dichloroethene	ND		15	3.7
75-09-2	Methylene Chloride	ND		30	7.5
156-60-5	trans-1,2-Dichloroethene	ND		30	7.5
75-34-3	1,1-Dichloroethane	ND		30	7.5
594-20-7	2,2-Dichloropropane	ND		30	7.5
156-59-2	cis-1,2-Dichloroethene	ND		30	7.5
74-97-5	Chlorobromomethane	ND		30	9.0
67-66-3	Chloroform	ND		30	7.5
71-55-6	1,1,1-Trichloroethane	ND		30	7.5
56-23-5	Carbon tetrachloride	ND		15	3.7
563-58-6	1,1-Dichloropropene	ND		30	7.5
71-43-2	Benzene	ND		12	3.0
107-06-2	1,2-Dichloroethane	ND		30	7.5
79-01-6	Trichloroethene	ND		12	3.0
78-87-5	1,2-Dichloropropane	ND		9.0	2.9
74-95-3	Dibromomethane	ND		30	7.5
75-27-4	Dichlorobromomethane	ND		30	7.5
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.0
108-88-3	Toluene	ND		30	7.5
10061-02-6	trans-1,3-Dichloropropene	ND	^	12	3.0
79-00-5	1,1,2-Trichloroethane	ND		9.0	2.2
127-18-4	Tetrachloroethene	ND		15	3.7
142-28-9	1,3-Dichloropropane	ND		30	7.5
124-48-1	Chlorodibromomethane	ND	^	30	7.5
106-93-4	Ethylene Dibromide	ND		30	7.5
108-90-7	Chlorobenzene	ND	* ^	30	7.5
100-41-4	Ethylbenzene	ND	^	30	7.5
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	30	7.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.5	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) | Lab Sample ID: 580-24938-1

Matrix: Solid | Lab File ID: VB00134483.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:30

Sample wt/vol: 17.03(g) | Date Analyzed: 03/12/2011 20:24

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	30	7.5
95-47-6	o-Xylene	ND	^	30	7.5
100-42-5	Styrene	ND		30	7.5
75-25-2	Bromoform	ND		30	8.2
98-82-8	Isopropylbenzene	ND		30	7.5
108-86-1	Bromobenzene	ND		30	7.5
103-65-1	N-Propylbenzene	ND		30	7.5
96-18-4	1,2,3-Trichloropropane	ND		30	8.7
95-49-8	2-Chlorotoluene	ND		30	7.5
108-67-8	1,3,5-Trimethylbenzene	ND		30	7.5
106-43-4	4-Chlorotoluene	ND		30	9.7
98-06-6	tert-Butylbenzene	ND		30	7.5
95-63-6	1,2,4-Trimethylbenzene	ND		30	7.5
135-98-8	sec-Butylbenzene	ND		30	7.5
541-73-1	1,3-Dichlorobenzene	ND		30	7.5
99-87-6	4-Isopropyltoluene	ND		30	7.5
106-46-7	1,4-Dichlorobenzene	ND		30	7.5
104-51-8	n-Butylbenzene	ND		30	7.5
95-50-1	1,2-Dichlorobenzene	ND		30	7.5
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	49
120-82-1	1,2,4-Trichlorobenzene	ND		30	7.5
87-61-6	1,2,3-Trichlorobenzene	ND		30	7.5
87-68-3	Hexachlorobutadiene	ND		30	7.5
91-20-3	Naphthalene	ND		30	7.5
1634-04-4	Methyl tert-butyl ether	ND		30	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	124		75-125
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(4-5) | Lab Sample ID: 580-24938-2

Matrix: Solid | Lab File ID: VB00134489.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:40

Sample wt/vol: 15.53(g) | Date Analyzed: 03/12/2011 22:37

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.2 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		34	8.6
74-87-3	Chloromethane	ND		340	86
75-01-4	Vinyl chloride	ND		6.9	1.7
74-83-9	Bromomethane	ND		120	30
75-00-3	Chloroethane	ND		340	86
75-69-4	Trichlorofluoromethane	ND		34	8.6
75-35-4	1,1-Dichloroethene	ND		17	4.3
75-09-2	Methylene Chloride	ND		34	8.6
156-60-5	trans-1,2-Dichloroethene	ND		34	8.6
75-34-3	1,1-Dichloroethane	ND		34	8.6
594-20-7	2,2-Dichloropropane	ND		34	8.6
156-59-2	cis-1,2-Dichloroethene	ND		34	8.6
74-97-5	Chlorobromomethane	ND		34	10
67-66-3	Chloroform	ND		34	8.6
71-55-6	1,1,1-Trichloroethane	ND		34	8.6
56-23-5	Carbon tetrachloride	ND		17	4.3
563-58-6	1,1-Dichloropropene	ND		34	8.6
71-43-2	Benzene	ND		14	3.4
107-06-2	1,2-Dichloroethane	ND		34	8.6
79-01-6	Trichloroethene	ND		14	3.4
78-87-5	1,2-Dichloropropane	ND		10	3.3
74-95-3	Dibromomethane	ND		34	8.6
75-27-4	Dichlorobromomethane	ND		34	8.6
10061-01-5	cis-1,3-Dichloropropene	ND		14	3.4
108-88-3	Toluene	ND		34	8.6
10061-02-6	trans-1,3-Dichloropropene	ND	^	14	3.4
79-00-5	1,1,2-Trichloroethane	ND		10	2.6
127-18-4	Tetrachloroethene	ND		17	4.3
142-28-9	1,3-Dichloropropane	ND		34	8.6
124-48-1	Chlorodibromomethane	ND	^	34	8.6
106-93-4	Ethylene Dibromide	ND		34	8.6
108-90-7	Chlorobenzene	ND	* ^	34	8.6
100-41-4	Ethylbenzene	ND	^	34	8.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	34	8.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		8.6	2.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(4-5) | Lab Sample ID: 580-24938-2

Matrix: Solid | Lab File ID: VB00134489.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:40

Sample wt/vol: 15.53(g) | Date Analyzed: 03/12/2011 22:37

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.2 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	34	8.6
95-47-6	o-Xylene	ND	^	34	8.6
100-42-5	Styrene	ND		34	8.6
75-25-2	Bromoform	ND		34	9.4
98-82-8	Isopropylbenzene	ND		34	8.6
108-86-1	Bromobenzene	ND		34	8.6
103-65-1	N-Propylbenzene	ND		34	8.6
96-18-4	1,2,3-Trichloropropane	ND		34	9.9
95-49-8	2-Chlorotoluene	ND		34	8.6
108-67-8	1,3,5-Trimethylbenzene	ND		34	8.6
106-43-4	4-Chlorotoluene	ND		34	11
98-06-6	tert-Butylbenzene	ND		34	8.6
95-63-6	1,2,4-Trimethylbenzene	ND		34	8.6
135-98-8	sec-Butylbenzene	ND		34	8.6
541-73-1	1,3-Dichlorobenzene	ND		34	8.6
99-87-6	4-Isopropyltoluene	ND		34	8.6
106-46-7	1,4-Dichlorobenzene	ND		34	8.6
104-51-8	n-Butylbenzene	ND		34	8.6
95-50-1	1,2-Dichlorobenzene	ND		34	8.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		170	57
120-82-1	1,2,4-Trichlorobenzene	ND		34	8.6
87-61-6	1,2,3-Trichlorobenzene	ND		34	8.6
87-68-3	Hexachlorobutadiene	ND		34	8.6
91-20-3	Naphthalene	ND		34	8.6
1634-04-4	Methyl tert-butyl ether	ND		34	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(0-1) | Lab Sample ID: 580-24938-3

Matrix: Solid | Lab File ID: VB00134490.D

Analysis Method: 8260B | Date Collected: 03/10/2011 16:04

Sample wt/vol: 21.54(g) | Date Analyzed: 03/12/2011 22:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 23.8 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		25	6.2
74-87-3	Chloromethane	ND		250	62
75-01-4	Vinyl chloride	ND		4.9	1.2
74-83-9	Bromomethane	ND		86	22
75-00-3	Chloroethane	ND		250	62
75-69-4	Trichlorofluoromethane	ND		25	6.2
75-35-4	1,1-Dichloroethene	ND		12	3.1
75-09-2	Methylene Chloride	ND		25	6.2
156-60-5	trans-1,2-Dichloroethene	ND		25	6.2
75-34-3	1,1-Dichloroethane	ND		25	6.2
594-20-7	2,2-Dichloropropane	ND		25	6.2
156-59-2	cis-1,2-Dichloroethene	ND		25	6.2
74-97-5	Chlorobromomethane	ND		25	7.4
67-66-3	Chloroform	ND		25	6.2
71-55-6	1,1,1-Trichloroethane	ND		25	6.2
56-23-5	Carbon tetrachloride	ND		12	3.1
563-58-6	1,1-Dichloropropene	ND		25	6.2
71-43-2	Benzene	ND		9.9	2.5
107-06-2	1,2-Dichloroethane	ND		25	6.2
79-01-6	Trichloroethene	ND		9.9	2.5
78-87-5	1,2-Dichloropropane	ND		7.4	2.4
74-95-3	Dibromomethane	ND		25	6.2
75-27-4	Dichlorobromomethane	ND		25	6.2
10061-01-5	cis-1,3-Dichloropropene	ND		9.9	2.5
108-88-3	Toluene	ND		25	6.2
10061-02-6	trans-1,3-Dichloropropene	ND	^	9.9	2.5
79-00-5	1,1,2-Trichloroethane	ND		7.4	1.9
127-18-4	Tetrachloroethene	ND		12	3.1
142-28-9	1,3-Dichloropropane	ND		25	6.2
124-48-1	Chlorodibromomethane	ND	^	25	6.2
106-93-4	Ethylene Dibromide	ND		25	6.2
108-90-7	Chlorobenzene	ND	* ^	25	6.2
100-41-4	Ethylbenzene	ND	^	25	6.2
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	25	6.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.2	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(0-1) | Lab Sample ID: 580-24938-3

Matrix: Solid | Lab File ID: VB00134490.D

Analysis Method: 8260B | Date Collected: 03/10/2011 16:04

Sample wt/vol: 21.54(g) | Date Analyzed: 03/12/2011 22:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 23.8 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	25	6.2
95-47-6	o-Xylene	ND	^	25	6.2
100-42-5	Styrene	ND		25	6.2
75-25-2	Bromoform	ND		25	6.8
98-82-8	Isopropylbenzene	ND		25	6.2
108-86-1	Bromobenzene	ND		25	6.2
103-65-1	N-Propylbenzene	ND		25	6.2
96-18-4	1,2,3-Trichloropropane	ND		25	7.2
95-49-8	2-Chlorotoluene	ND		25	6.2
108-67-8	1,3,5-Trimethylbenzene	ND		25	6.2
106-43-4	4-Chlorotoluene	ND		25	8.0
98-06-6	tert-Butylbenzene	ND		25	6.2
95-63-6	1,2,4-Trimethylbenzene	ND		25	6.2
135-98-8	sec-Butylbenzene	ND		25	6.2
541-73-1	1,3-Dichlorobenzene	ND		25	6.2
99-87-6	4-Isopropyltoluene	ND		25	6.2
106-46-7	1,4-Dichlorobenzene	ND		25	6.2
104-51-8	n-Butylbenzene	ND		25	6.2
95-50-1	1,2-Dichlorobenzene	ND		25	6.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		120	41
120-82-1	1,2,4-Trichlorobenzene	ND		25	6.2
87-61-6	1,2,3-Trichlorobenzene	ND		25	6.2
87-68-3	Hexachlorobutadiene	ND		25	6.2
91-20-3	Naphthalene	ND		25	6.2
1634-04-4	Methyl tert-butyl ether	ND		25	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	120		75-125
460-00-4	4-Bromofluorobenzene (Surr)	103		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) | Lab Sample ID: 580-24938-4

Matrix: Solid | Lab File ID: VB00134491.D

Analysis Method: 8260B | Date Collected: 03/10/2011 16:15

Sample wt/vol: 20.01(g) | Date Analyzed: 03/12/2011 23:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 32.0 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		30	7.5
74-87-3	Chloromethane	ND		300	75
75-01-4	Vinyl chloride	ND		6.0	1.5
74-83-9	Bromomethane	ND		100	26
75-00-3	Chloroethane	ND		300	75
75-69-4	Trichlorofluoromethane	ND		30	7.5
75-35-4	1,1-Dichloroethene	ND		15	3.7
75-09-2	Methylene Chloride	ND		30	7.5
156-60-5	trans-1,2-Dichloroethene	ND		30	7.5
75-34-3	1,1-Dichloroethane	ND		30	7.5
594-20-7	2,2-Dichloropropane	ND		30	7.5
156-59-2	cis-1,2-Dichloroethene	ND		30	7.5
74-97-5	Chlorobromomethane	ND		30	9.0
67-66-3	Chloroform	ND		30	7.5
71-55-6	1,1,1-Trichloroethane	ND		30	7.5
56-23-5	Carbon tetrachloride	ND		15	3.7
563-58-6	1,1-Dichloropropene	ND		30	7.5
71-43-2	Benzene	ND		12	3.0
107-06-2	1,2-Dichloroethane	ND		30	7.5
79-01-6	Trichloroethene	ND		12	3.0
78-87-5	1,2-Dichloropropane	ND		9.0	2.9
74-95-3	Dibromomethane	ND		30	7.5
75-27-4	Dichlorobromomethane	ND		30	7.5
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.0
108-88-3	Toluene	ND		30	7.5
10061-02-6	trans-1,3-Dichloropropene	ND	^	12	3.0
79-00-5	1,1,2-Trichloroethane	ND		9.0	2.2
127-18-4	Tetrachloroethene	5.4	J B	15	3.7
142-28-9	1,3-Dichloropropane	ND		30	7.5
124-48-1	Chlorodibromomethane	ND	^	30	7.5
106-93-4	Ethylene Dibromide	ND		30	7.5
108-90-7	Chlorobenzene	ND	* ^	30	7.5
100-41-4	Ethylbenzene	ND	^	30	7.5
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	30	7.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.5	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) | Lab Sample ID: 580-24938-4

Matrix: Solid | Lab File ID: VB00134491.D

Analysis Method: 8260B | Date Collected: 03/10/2011 16:15

Sample wt/vol: 20.01(g) | Date Analyzed: 03/12/2011 23:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 32.0 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	30	7.5
95-47-6	o-Xylene	ND	^	30	7.5
100-42-5	Styrene	ND		30	7.5
75-25-2	Bromoform	ND		30	8.2
98-82-8	Isopropylbenzene	ND		30	7.5
108-86-1	Bromobenzene	ND		30	7.5
103-65-1	N-Propylbenzene	ND		30	7.5
96-18-4	1,2,3-Trichloropropane	ND		30	8.7
95-49-8	2-Chlorotoluene	ND		30	7.5
108-67-8	1,3,5-Trimethylbenzene	ND		30	7.5
106-43-4	4-Chlorotoluene	ND		30	9.7
98-06-6	tert-Butylbenzene	ND		30	7.5
95-63-6	1,2,4-Trimethylbenzene	ND		30	7.5
135-98-8	sec-Butylbenzene	ND		30	7.5
541-73-1	1,3-Dichlorobenzene	ND		30	7.5
99-87-6	4-Isopropyltoluene	ND		30	7.5
106-46-7	1,4-Dichlorobenzene	ND		30	7.5
104-51-8	n-Butylbenzene	ND		30	7.5
95-50-1	1,2-Dichlorobenzene	ND		30	7.5
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	49
120-82-1	1,2,4-Trichlorobenzene	ND		30	7.5
87-61-6	1,2,3-Trichlorobenzene	ND		30	7.5
87-68-3	Hexachlorobutadiene	ND		30	7.5
91-20-3	Naphthalene	ND		30	7.5
1634-04-4	Methyl tert-butyl ether	ND		30	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	108		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(0-1) | Lab Sample ID: 580-24938-5

Matrix: Solid | Lab File ID: VB00134492.D

Analysis Method: 8260B | Date Collected: 03/10/2011 16:40

Sample wt/vol: 15.59(g) | Date Analyzed: 03/12/2011 23:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		32	8.0
74-87-3	Chloromethane	ND		320	80
75-01-4	Vinyl chloride	ND		6.4	1.6
74-83-9	Bromomethane	ND		110	28
75-00-3	Chloroethane	ND		320	80
75-69-4	Trichlorofluoromethane	ND		32	8.0
75-35-4	1,1-Dichloroethene	ND		16	4.0
75-09-2	Methylene Chloride	ND		32	8.0
156-60-5	trans-1,2-Dichloroethene	ND		32	8.0
75-34-3	1,1-Dichloroethane	ND		32	8.0
594-20-7	2,2-Dichloropropane	ND		32	8.0
156-59-2	cis-1,2-Dichloroethene	ND		32	8.0
74-97-5	Chlorobromomethane	ND		32	9.6
67-66-3	Chloroform	ND		32	8.0
71-55-6	1,1,1-Trichloroethane	ND		32	8.0
56-23-5	Carbon tetrachloride	ND		16	4.0
563-58-6	1,1-Dichloropropene	ND		32	8.0
71-43-2	Benzene	ND		13	3.2
107-06-2	1,2-Dichloroethane	ND		32	8.0
79-01-6	Trichloroethene	ND		13	3.2
78-87-5	1,2-Dichloropropane	ND		9.6	3.1
74-95-3	Dibromomethane	ND		32	8.0
75-27-4	Dichlorobromomethane	ND		32	8.0
10061-01-5	cis-1,3-Dichloropropene	ND		13	3.2
108-88-3	Toluene	ND		32	8.0
10061-02-6	trans-1,3-Dichloropropene	ND	^	13	3.2
79-00-5	1,1,2-Trichloroethane	ND		9.6	2.4
127-18-4	Tetrachloroethene	ND		16	4.0
142-28-9	1,3-Dichloropropane	ND		32	8.0
124-48-1	Chlorodibromomethane	ND	^	32	8.0
106-93-4	Ethylene Dibromide	ND		32	8.0
108-90-7	Chlorobenzene	ND	* ^	32	8.0
100-41-4	Ethylbenzene	ND	^	32	8.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	32	8.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		8.0	2.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(0-1) | Lab Sample ID: 580-24938-5

Matrix: Solid | Lab File ID: VB00134492.D

Analysis Method: 8260B | Date Collected: 03/10/2011 16:40

Sample wt/vol: 15.59(g) | Date Analyzed: 03/12/2011 23:43

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	32	8.0
95-47-6	o-Xylene	ND	^	32	8.0
100-42-5	Styrene	ND		32	8.0
75-25-2	Bromoform	ND		32	8.8
98-82-8	Isopropylbenzene	ND		32	8.0
108-86-1	Bromobenzene	ND		32	8.0
103-65-1	N-Propylbenzene	ND		32	8.0
96-18-4	1,2,3-Trichloropropane	ND		32	9.3
95-49-8	2-Chlorotoluene	ND		32	8.0
108-67-8	1,3,5-Trimethylbenzene	ND		32	8.0
106-43-4	4-Chlorotoluene	ND		32	10
98-06-6	tert-Butylbenzene	ND		32	8.0
95-63-6	1,2,4-Trimethylbenzene	ND		32	8.0
135-98-8	sec-Butylbenzene	ND		32	8.0
541-73-1	1,3-Dichlorobenzene	ND		32	8.0
99-87-6	4-Isopropyltoluene	ND		32	8.0
106-46-7	1,4-Dichlorobenzene	ND		32	8.0
104-51-8	n-Butylbenzene	ND		32	8.0
95-50-1	1,2-Dichlorobenzene	ND		32	8.0
96-12-8	1,2-Dibromo-3-Chloropropane	ND		160	53
120-82-1	1,2,4-Trichlorobenzene	ND		32	8.0
87-61-6	1,2,3-Trichlorobenzene	ND		32	8.0
87-68-3	Hexachlorobutadiene	ND		32	8.0
91-20-3	Naphthalene	ND		32	8.0
1634-04-4	Methyl tert-butyl ether	ND		32	8.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	127	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(4-5) | Lab Sample ID: 580-24938-6

Matrix: Solid | Lab File ID: VB00134493.D

Analysis Method: 8260B | Date Collected: 03/10/2011 16:50

Sample wt/vol: 18.72(g) | Date Analyzed: 03/13/2011 00:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.5 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		28	7.0
74-87-3	Chloromethane	ND		280	70
75-01-4	Vinyl chloride	ND		5.6	1.4
74-83-9	Bromomethane	ND		98	24
75-00-3	Chloroethane	ND		280	70
75-69-4	Trichlorofluoromethane	ND		28	7.0
75-35-4	1,1-Dichloroethene	ND		14	3.5
75-09-2	Methylene Chloride	ND		28	7.0
156-60-5	trans-1,2-Dichloroethene	ND		28	7.0
75-34-3	1,1-Dichloroethane	ND		28	7.0
594-20-7	2,2-Dichloropropane	ND		28	7.0
156-59-2	cis-1,2-Dichloroethene	ND		28	7.0
74-97-5	Chlorobromomethane	ND		28	8.4
67-66-3	Chloroform	ND		28	7.0
71-55-6	1,1,1-Trichloroethane	ND		28	7.0
56-23-5	Carbon tetrachloride	ND		14	3.5
563-58-6	1,1-Dichloropropene	ND		28	7.0
71-43-2	Benzene	ND		11	2.8
107-06-2	1,2-Dichloroethane	ND		28	7.0
79-01-6	Trichloroethene	ND		11	2.8
78-87-5	1,2-Dichloropropane	ND		8.4	2.7
74-95-3	Dibromomethane	ND		28	7.0
75-27-4	Dichlorobromomethane	ND		28	7.0
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.8
108-88-3	Toluene	ND		28	7.0
10061-02-6	trans-1,3-Dichloropropene	ND	^	11	2.8
79-00-5	1,1,2-Trichloroethane	ND		8.4	2.1
127-18-4	Tetrachloroethene	ND		14	3.5
142-28-9	1,3-Dichloropropane	ND		28	7.0
124-48-1	Chlorodibromomethane	ND	^	28	7.0
106-93-4	Ethylene Dibromide	ND		28	7.0
108-90-7	Chlorobenzene	ND	* ^	28	7.0
100-41-4	Ethylbenzene	ND	^	28	7.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	28	7.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.0	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(4-5) | Lab Sample ID: 580-24938-6

Matrix: Solid | Lab File ID: VB00134493.D

Analysis Method: 8260B | Date Collected: 03/10/2011 16:50

Sample wt/vol: 18.72(g) | Date Analyzed: 03/13/2011 00:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.5 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	28	7.0
95-47-6	o-Xylene	ND	^	28	7.0
100-42-5	Styrene	ND		28	7.0
75-25-2	Bromoform	ND		28	7.7
98-82-8	Isopropylbenzene	ND		28	7.0
108-86-1	Bromobenzene	ND		28	7.0
103-65-1	N-Propylbenzene	ND		28	7.0
96-18-4	1,2,3-Trichloropropane	ND		28	8.1
95-49-8	2-Chlorotoluene	ND		28	7.0
108-67-8	1,3,5-Trimethylbenzene	ND		28	7.0
106-43-4	4-Chlorotoluene	ND		28	9.1
98-06-6	tert-Butylbenzene	ND		28	7.0
95-63-6	1,2,4-Trimethylbenzene	ND		28	7.0
135-98-8	sec-Butylbenzene	ND		28	7.0
541-73-1	1,3-Dichlorobenzene	ND		28	7.0
99-87-6	4-Isopropyltoluene	ND		28	7.0
106-46-7	1,4-Dichlorobenzene	ND		28	7.0
104-51-8	n-Butylbenzene	ND		28	7.0
95-50-1	1,2-Dichlorobenzene	ND		28	7.0
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	46
120-82-1	1,2,4-Trichlorobenzene	ND		28	7.0
87-61-6	1,2,3-Trichlorobenzene	ND		28	7.0
87-68-3	Hexachlorobutadiene	ND		28	7.0
91-20-3	Naphthalene	ND		28	7.0
1634-04-4	Methyl tert-butyl ether	ND		28	7.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	106		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	122		75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(0-1) | Lab Sample ID: 580-24938-7

Matrix: Solid | Lab File ID: VB00134494.D

Analysis Method: 8260B | Date Collected: 03/10/2011 17:10

Sample wt/vol: 16.71(g) | Date Analyzed: 03/13/2011 00:28

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		30	7.6
74-87-3	Chloromethane	ND		300	76
75-01-4	Vinyl chloride	ND		6.1	1.5
74-83-9	Bromomethane	ND		110	27
75-00-3	Chloroethane	ND		300	76
75-69-4	Trichlorofluoromethane	ND		30	7.6
75-35-4	1,1-Dichloroethene	ND		15	3.8
75-09-2	Methylene Chloride	ND		30	7.6
156-60-5	trans-1,2-Dichloroethene	ND		30	7.6
75-34-3	1,1-Dichloroethane	ND		30	7.6
594-20-7	2,2-Dichloropropane	ND		30	7.6
156-59-2	cis-1,2-Dichloroethene	ND		30	7.6
74-97-5	Chlorobromomethane	ND		30	9.1
67-66-3	Chloroform	ND		30	7.6
71-55-6	1,1,1-Trichloroethane	ND		30	7.6
56-23-5	Carbon tetrachloride	ND		15	3.8
563-58-6	1,1-Dichloropropene	ND		30	7.6
71-43-2	Benzene	ND		12	3.0
107-06-2	1,2-Dichloroethane	ND		30	7.6
79-01-6	Trichloroethene	ND		12	3.0
78-87-5	1,2-Dichloropropane	ND		9.1	3.0
74-95-3	Dibromomethane	ND		30	7.6
75-27-4	Dichlorobromomethane	ND		30	7.6
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.0
108-88-3	Toluene	ND		30	7.6
10061-02-6	trans-1,3-Dichloropropene	ND	^	12	3.0
79-00-5	1,1,2-Trichloroethane	ND		9.1	2.3
127-18-4	Tetrachloroethene	ND		15	3.8
142-28-9	1,3-Dichloropropane	ND		30	7.6
124-48-1	Chlorodibromomethane	ND	^	30	7.6
106-93-4	Ethylene Dibromide	ND		30	7.6
108-90-7	Chlorobenzene	ND	* ^	30	7.6
100-41-4	Ethylbenzene	ND	^	30	7.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	30	7.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.6	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(0-1) | Lab Sample ID: 580-24938-7

Matrix: Solid | Lab File ID: VB00134494.D

Analysis Method: 8260B | Date Collected: 03/10/2011 17:10

Sample wt/vol: 16.71(g) | Date Analyzed: 03/13/2011 00:28

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	30	7.6
95-47-6	o-Xylene	ND	^	30	7.6
100-42-5	Styrene	ND		30	7.6
75-25-2	Bromoform	ND		30	8.3
98-82-8	Isopropylbenzene	ND		30	7.6
108-86-1	Bromobenzene	ND		30	7.6
103-65-1	N-Propylbenzene	ND		30	7.6
96-18-4	1,2,3-Trichloropropane	ND		30	8.8
95-49-8	2-Chlorotoluene	ND		30	7.6
108-67-8	1,3,5-Trimethylbenzene	ND		30	7.6
106-43-4	4-Chlorotoluene	ND		30	9.9
98-06-6	tert-Butylbenzene	ND		30	7.6
95-63-6	1,2,4-Trimethylbenzene	ND		30	7.6
135-98-8	sec-Butylbenzene	ND		30	7.6
541-73-1	1,3-Dichlorobenzene	ND		30	7.6
99-87-6	4-Isopropyltoluene	ND		30	7.6
106-46-7	1,4-Dichlorobenzene	ND		30	7.6
104-51-8	n-Butylbenzene	ND		30	7.6
95-50-1	1,2-Dichlorobenzene	ND		30	7.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	50
120-82-1	1,2,4-Trichlorobenzene	ND		30	7.6
87-61-6	1,2,3-Trichlorobenzene	ND		30	7.6
87-68-3	Hexachlorobutadiene	ND		30	7.6
91-20-3	Naphthalene	ND		30	7.6
1634-04-4	Methyl tert-butyl ether	ND		30	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(4-5) | Lab Sample ID: 580-24938-8

Matrix: Solid | Lab File ID: VB00134495.D

Analysis Method: 8260B | Date Collected: 03/10/2011 17:25

Sample wt/vol: 18.98(g) | Date Analyzed: 03/13/2011 00:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		27	6.7
74-87-3	Chloromethane	ND		270	67
75-01-4	Vinyl chloride	ND		5.4	1.3
74-83-9	Bromomethane	ND		94	23
75-00-3	Chloroethane	ND		270	67
75-69-4	Trichlorofluoromethane	ND		27	6.7
75-35-4	1,1-Dichloroethene	ND		13	3.3
75-09-2	Methylene Chloride	ND		27	6.7
156-60-5	trans-1,2-Dichloroethene	ND		27	6.7
75-34-3	1,1-Dichloroethane	ND		27	6.7
594-20-7	2,2-Dichloropropane	ND		27	6.7
156-59-2	cis-1,2-Dichloroethene	ND		27	6.7
74-97-5	Chlorobromomethane	ND		27	8.0
67-66-3	Chloroform	ND		27	6.7
71-55-6	1,1,1-Trichloroethane	ND		27	6.7
56-23-5	Carbon tetrachloride	ND		13	3.3
563-58-6	1,1-Dichloropropene	ND		27	6.7
71-43-2	Benzene	ND		11	2.7
107-06-2	1,2-Dichloroethane	ND		27	6.7
79-01-6	Trichloroethene	ND		11	2.7
78-87-5	1,2-Dichloropropane	ND		8.0	2.6
74-95-3	Dibromomethane	ND		27	6.7
75-27-4	Dichlorobromomethane	ND		27	6.7
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.7
108-88-3	Toluene	ND		27	6.7
10061-02-6	trans-1,3-Dichloropropene	ND	^	11	2.7
79-00-5	1,1,2-Trichloroethane	ND		8.0	2.0
127-18-4	Tetrachloroethene	ND		13	3.3
142-28-9	1,3-Dichloropropane	ND		27	6.7
124-48-1	Chlorodibromomethane	ND	^	27	6.7
106-93-4	Ethylene Dibromide	ND		27	6.7
108-90-7	Chlorobenzene	ND	* ^	27	6.7
100-41-4	Ethylbenzene	ND	^	27	6.7
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	27	6.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.7	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(4-5) | Lab Sample ID: 580-24938-8

Matrix: Solid | Lab File ID: VB00134495.D

Analysis Method: 8260B | Date Collected: 03/10/2011 17:25

Sample wt/vol: 18.98(g) | Date Analyzed: 03/13/2011 00:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	27	6.7
95-47-6	o-Xylene	ND	^	27	6.7
100-42-5	Styrene	ND		27	6.7
75-25-2	Bromoform	ND		27	7.4
98-82-8	Isopropylbenzene	ND		27	6.7
108-86-1	Bromobenzene	ND		27	6.7
103-65-1	N-Propylbenzene	ND		27	6.7
96-18-4	1,2,3-Trichloropropane	ND		27	7.8
95-49-8	2-Chlorotoluene	ND		27	6.7
108-67-8	1,3,5-Trimethylbenzene	ND		27	6.7
106-43-4	4-Chlorotoluene	ND		27	8.7
98-06-6	tert-Butylbenzene	ND		27	6.7
95-63-6	1,2,4-Trimethylbenzene	ND		27	6.7
135-98-8	sec-Butylbenzene	ND		27	6.7
541-73-1	1,3-Dichlorobenzene	ND		27	6.7
99-87-6	4-Isopropyltoluene	ND		27	6.7
106-46-7	1,4-Dichlorobenzene	ND		27	6.7
104-51-8	n-Butylbenzene	ND		27	6.7
95-50-1	1,2-Dichlorobenzene	ND		27	6.7
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	44
120-82-1	1,2,4-Trichlorobenzene	ND		27	6.7
87-61-6	1,2,3-Trichlorobenzene	ND		27	6.7
87-68-3	Hexachlorobutadiene	ND		27	6.7
91-20-3	Naphthalene	ND		27	6.7
1634-04-4	Methyl tert-butyl ether	ND		27	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	91		85-115
25837-05-2	Ethylbenzene-d10	127	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	105		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-Methanol Blank | Lab Sample ID: 580-24938-9

Matrix: Solid | Lab File ID: VB00134482.D

Analysis Method: 8260B | Date Collected: 03/10/2011 17:30

Sample wt/vol: 10(g) | Date Analyzed: 03/12/2011 20:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		40	10
74-87-3	Chloromethane	ND		400	100
75-01-4	Vinyl chloride	ND		8.0	2.0
74-83-9	Bromomethane	ND		140	35
75-00-3	Chloroethane	ND		400	100
75-69-4	Trichlorofluoromethane	ND		40	10
75-35-4	1,1-Dichloroethene	ND		20	5.0
75-09-2	Methylene Chloride	ND		40	10
156-60-5	trans-1,2-Dichloroethene	ND		40	10
75-34-3	1,1-Dichloroethane	ND		40	10
594-20-7	2,2-Dichloropropane	ND		40	10
156-59-2	cis-1,2-Dichloroethene	ND		40	10
74-97-5	Chlorobromomethane	ND		40	12
67-66-3	Chloroform	ND		40	10
71-55-6	1,1,1-Trichloroethane	ND		40	10
56-23-5	Carbon tetrachloride	ND		20	5.0
563-58-6	1,1-Dichloropropene	ND		40	10
71-43-2	Benzene	ND		16	4.0
107-06-2	1,2-Dichloroethane	ND		40	10
79-01-6	Trichloroethene	ND		16	4.0
78-87-5	1,2-Dichloropropane	ND		12	3.9
74-95-3	Dibromomethane	ND		40	10
75-27-4	Dichlorobromomethane	ND		40	10
10061-01-5	cis-1,3-Dichloropropene	ND		16	4.0
108-88-3	Toluene	ND		40	10
10061-02-6	trans-1,3-Dichloropropene	ND	^	16	4.0
79-00-5	1,1,2-Trichloroethane	ND		12	3.0
127-18-4	Tetrachloroethene	ND		20	5.0
142-28-9	1,3-Dichloropropane	ND		40	10
124-48-1	Chlorodibromomethane	ND	^	40	10
106-93-4	Ethylene Dibromide	ND		40	10
108-90-7	Chlorobenzene	ND	* ^	40	10
100-41-4	Ethylbenzene	ND	^	40	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	40	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-Methanol Blank | Lab Sample ID: 580-24938-9

Matrix: Solid | Lab File ID: VB00134482.D

Analysis Method: 8260B | Date Collected: 03/10/2011 17:30

Sample wt/vol: 10(g) | Date Analyzed: 03/12/2011 20:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	40	10
95-47-6	o-Xylene	ND	^	40	10
100-42-5	Styrene	ND		40	10
75-25-2	Bromoform	ND		40	11
98-82-8	Isopropylbenzene	ND		40	10
108-86-1	Bromobenzene	ND		40	10
103-65-1	N-Propylbenzene	ND		40	10
96-18-4	1,2,3-Trichloropropane	ND		40	12
95-49-8	2-Chlorotoluene	ND		40	10
108-67-8	1,3,5-Trimethylbenzene	ND		40	10
106-43-4	4-Chlorotoluene	ND		40	13
98-06-6	tert-Butylbenzene	ND		40	10
95-63-6	1,2,4-Trimethylbenzene	ND		40	10
135-98-8	sec-Butylbenzene	ND		40	10
541-73-1	1,3-Dichlorobenzene	ND		40	10
99-87-6	4-Isopropyltoluene	ND		40	10
106-46-7	1,4-Dichlorobenzene	ND		40	10
104-51-8	n-Butylbenzene	ND		40	10
95-50-1	1,2-Dichlorobenzene	ND		40	10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	66
120-82-1	1,2,4-Trichlorobenzene	ND		40	10
87-61-6	1,2,3-Trichlorobenzene	ND		40	10
87-68-3	Hexachlorobutadiene	ND		40	10
91-20-3	Naphthalene	ND		40	10
1634-04-4	Methyl tert-butyl ether	ND		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	117		75-125
460-00-4	4-Bromofluorobenzene (Surr)	100		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5) | Lab Sample ID: 580-24938-10

Matrix: Solid | Lab File ID: VB00134496.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:20

Sample wt/vol: 21.44(g) | Date Analyzed: 03/13/2011 01:12

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 23.6 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		25	6.2
74-87-3	Chloromethane	ND		250	62
75-01-4	Vinyl chloride	ND		4.9	1.2
74-83-9	Bromomethane	ND		87	22
75-00-3	Chloroethane	ND		250	62
75-69-4	Trichlorofluoromethane	ND		25	6.2
75-35-4	1,1-Dichloroethene	ND		12	3.1
75-09-2	Methylene Chloride	ND		25	6.2
156-60-5	trans-1,2-Dichloroethene	ND		25	6.2
75-34-3	1,1-Dichloroethane	ND		25	6.2
594-20-7	2,2-Dichloropropane	ND		25	6.2
156-59-2	cis-1,2-Dichloroethene	ND		25	6.2
74-97-5	Chlorobromomethane	ND		25	7.4
67-66-3	Chloroform	ND		25	6.2
71-55-6	1,1,1-Trichloroethane	ND		25	6.2
56-23-5	Carbon tetrachloride	ND		12	3.1
563-58-6	1,1-Dichloropropene	ND		25	6.2
71-43-2	Benzene	ND		9.9	2.5
107-06-2	1,2-Dichloroethane	ND		25	6.2
79-01-6	Trichloroethene	ND		9.9	2.5
78-87-5	1,2-Dichloropropane	ND		7.4	2.4
74-95-3	Dibromomethane	ND		25	6.2
75-27-4	Dichlorobromomethane	ND		25	6.2
10061-01-5	cis-1,3-Dichloropropene	ND		9.9	2.5
108-88-3	Toluene	ND		25	6.2
10061-02-6	trans-1,3-Dichloropropene	ND	^	9.9	2.5
79-00-5	1,1,2-Trichloroethane	ND		7.4	1.9
127-18-4	Tetrachloroethene	ND		12	3.1
142-28-9	1,3-Dichloropropane	ND		25	6.2
124-48-1	Chlorodibromomethane	ND	^	25	6.2
106-93-4	Ethylene Dibromide	ND		25	6.2
108-90-7	Chlorobenzene	ND	* ^	25	6.2
100-41-4	Ethylbenzene	ND	^	25	6.2
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	25	6.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.2	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5) | Lab Sample ID: 580-24938-10

Matrix: Solid | Lab File ID: VB00134496.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:20

Sample wt/vol: 21.44(g) | Date Analyzed: 03/13/2011 01:12

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 23.6 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	25	6.2
95-47-6	o-Xylene	ND	^	25	6.2
100-42-5	Styrene	ND		25	6.2
75-25-2	Bromoform	ND		25	6.8
98-82-8	Isopropylbenzene	ND		25	6.2
108-86-1	Bromobenzene	ND		25	6.2
103-65-1	N-Propylbenzene	ND		25	6.2
96-18-4	1,2,3-Trichloropropane	ND		25	7.2
95-49-8	2-Chlorotoluene	ND		25	6.2
108-67-8	1,3,5-Trimethylbenzene	ND		25	6.2
106-43-4	4-Chlorotoluene	ND		25	8.0
98-06-6	tert-Butylbenzene	ND		25	6.2
95-63-6	1,2,4-Trimethylbenzene	ND		25	6.2
135-98-8	sec-Butylbenzene	ND		25	6.2
541-73-1	1,3-Dichlorobenzene	ND		25	6.2
99-87-6	4-Isopropyltoluene	ND		25	6.2
106-46-7	1,4-Dichlorobenzene	ND		25	6.2
104-51-8	n-Butylbenzene	ND		25	6.2
95-50-1	1,2-Dichlorobenzene	ND		25	6.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		120	41
120-82-1	1,2,4-Trichlorobenzene	ND		25	6.2
87-61-6	1,2,3-Trichlorobenzene	ND		25	6.2
87-68-3	Hexachlorobutadiene	ND		25	6.2
91-20-3	Naphthalene	ND		25	6.2
1634-04-4	Methyl tert-butyl ether	ND		25	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	90		85-115
25837-05-2	Ethylbenzene-d10	124		75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5)D | Lab Sample ID: 580-24938-11

Matrix: Solid | Lab File ID: VB00134497.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:21

Sample wt/vol: 22.72(g) | Date Analyzed: 03/13/2011 01:34

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 29.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		25	6.4
74-87-3	Chloromethane	ND		250	64
75-01-4	Vinyl chloride	ND		5.1	1.3
74-83-9	Bromomethane	ND		89	22
75-00-3	Chloroethane	ND		250	64
75-69-4	Trichlorofluoromethane	ND		25	6.4
75-35-4	1,1-Dichloroethene	ND		13	3.2
75-09-2	Methylene Chloride	ND		25	6.4
156-60-5	trans-1,2-Dichloroethene	ND		25	6.4
75-34-3	1,1-Dichloroethane	ND		25	6.4
594-20-7	2,2-Dichloropropane	ND		25	6.4
156-59-2	cis-1,2-Dichloroethene	ND		25	6.4
74-97-5	Chlorobromomethane	ND		25	7.6
67-66-3	Chloroform	ND		25	6.4
71-55-6	1,1,1-Trichloroethane	ND		25	6.4
56-23-5	Carbon tetrachloride	ND		13	3.2
563-58-6	1,1-Dichloropropene	ND		25	6.4
71-43-2	Benzene	ND		10	2.5
107-06-2	1,2-Dichloroethane	ND		25	6.4
79-01-6	Trichloroethene	ND		10	2.5
78-87-5	1,2-Dichloropropane	ND		7.6	2.5
74-95-3	Dibromomethane	ND		25	6.4
75-27-4	Dichlorobromomethane	ND		25	6.4
10061-01-5	cis-1,3-Dichloropropene	ND		10	2.5
108-88-3	Toluene	ND		25	6.4
10061-02-6	trans-1,3-Dichloropropene	ND	^	10	2.5
79-00-5	1,1,2-Trichloroethane	ND		7.6	1.9
127-18-4	Tetrachloroethene	ND		13	3.2
142-28-9	1,3-Dichloropropane	ND		25	6.4
124-48-1	Chlorodibromomethane	ND	^	25	6.4
106-93-4	Ethylene Dibromide	ND		25	6.4
108-90-7	Chlorobenzene	ND	* ^	25	6.4
100-41-4	Ethylbenzene	ND	^	25	6.4
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	25	6.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.4	2.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5)D | Lab Sample ID: 580-24938-11

Matrix: Solid | Lab File ID: VB00134497.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:21

Sample wt/vol: 22.72(g) | Date Analyzed: 03/13/2011 01:34

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 29.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	25	6.4
95-47-6	o-Xylene	ND	^	25	6.4
100-42-5	Styrene	ND		25	6.4
75-25-2	Bromoform	ND		25	7.0
98-82-8	Isopropylbenzene	ND		25	6.4
108-86-1	Bromobenzene	ND		25	6.4
103-65-1	N-Propylbenzene	ND		25	6.4
96-18-4	1,2,3-Trichloropropane	ND		25	7.4
95-49-8	2-Chlorotoluene	ND		25	6.4
108-67-8	1,3,5-Trimethylbenzene	ND		25	6.4
106-43-4	4-Chlorotoluene	ND		25	8.3
98-06-6	tert-Butylbenzene	ND		25	6.4
95-63-6	1,2,4-Trimethylbenzene	ND		25	6.4
135-98-8	sec-Butylbenzene	ND		25	6.4
541-73-1	1,3-Dichlorobenzene	ND		25	6.4
99-87-6	4-Isopropyltoluene	ND		25	6.4
106-46-7	1,4-Dichlorobenzene	ND		25	6.4
104-51-8	n-Butylbenzene	ND		25	6.4
95-50-1	1,2-Dichlorobenzene	ND		25	6.4
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	42
120-82-1	1,2,4-Trichlorobenzene	ND		25	6.4
87-61-6	1,2,3-Trichlorobenzene	ND		25	6.4
87-68-3	Hexachlorobutadiene	ND		25	6.4
91-20-3	Naphthalene	ND		25	6.4
1634-04-4	Methyl tert-butyl ether	ND		25	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	126	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(0-1) | Lab Sample ID: 580-24938-12

Matrix: Solid | Lab File ID: VB00134498.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:45

Sample wt/vol: 19.12(g) | Date Analyzed: 03/13/2011 01:56

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.9 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		28	7.1
74-87-3	Chloromethane	ND		280	71
75-01-4	Vinyl chloride	ND		5.6	1.4
74-83-9	Bromomethane	ND		99	25
75-00-3	Chloroethane	ND		280	71
75-69-4	Trichlorofluoromethane	ND		28	7.1
75-35-4	1,1-Dichloroethene	ND		14	3.5
75-09-2	Methylene Chloride	ND		28	7.1
156-60-5	trans-1,2-Dichloroethene	ND		28	7.1
75-34-3	1,1-Dichloroethane	ND		28	7.1
594-20-7	2,2-Dichloropropane	ND		28	7.1
156-59-2	cis-1,2-Dichloroethene	ND		28	7.1
74-97-5	Chlorobromomethane	ND		28	8.5
67-66-3	Chloroform	ND		28	7.1
71-55-6	1,1,1-Trichloroethane	ND		28	7.1
56-23-5	Carbon tetrachloride	ND		14	3.5
563-58-6	1,1-Dichloropropene	ND		28	7.1
71-43-2	Benzene	ND		11	2.8
107-06-2	1,2-Dichloroethane	ND		28	7.1
79-01-6	Trichloroethene	ND		11	2.8
78-87-5	1,2-Dichloropropane	ND		8.5	2.7
74-95-3	Dibromomethane	ND		28	7.1
75-27-4	Dichlorobromomethane	ND		28	7.1
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.8
108-88-3	Toluene	ND		28	7.1
10061-02-6	trans-1,3-Dichloropropene	ND	^	11	2.8
79-00-5	1,1,2-Trichloroethane	ND		8.5	2.1
127-18-4	Tetrachloroethene	ND		14	3.5
142-28-9	1,3-Dichloropropane	ND		28	7.1
124-48-1	Chlorodibromomethane	ND	^	28	7.1
106-93-4	Ethylene Dibromide	ND		28	7.1
108-90-7	Chlorobenzene	ND	* ^	28	7.1
100-41-4	Ethylbenzene	ND	^	28	7.1
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	28	7.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.1	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(0-1) | Lab Sample ID: 580-24938-12

Matrix: Solid | Lab File ID: VB00134498.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:45

Sample wt/vol: 19.12(g) | Date Analyzed: 03/13/2011 01:56

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.9 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	28	7.1
95-47-6	o-Xylene	ND	^	28	7.1
100-42-5	Styrene	ND		28	7.1
75-25-2	Bromoform	ND		28	7.8
98-82-8	Isopropylbenzene	ND		28	7.1
108-86-1	Bromobenzene	ND		28	7.1
103-65-1	N-Propylbenzene	ND		28	7.1
96-18-4	1,2,3-Trichloropropane	ND		28	8.2
95-49-8	2-Chlorotoluene	ND		28	7.1
108-67-8	1,3,5-Trimethylbenzene	ND		28	7.1
106-43-4	4-Chlorotoluene	ND		28	9.2
98-06-6	tert-Butylbenzene	ND		28	7.1
95-63-6	1,2,4-Trimethylbenzene	ND		28	7.1
135-98-8	sec-Butylbenzene	ND		28	7.1
541-73-1	1,3-Dichlorobenzene	ND		28	7.1
99-87-6	4-Isopropyltoluene	ND		28	7.1
106-46-7	1,4-Dichlorobenzene	ND		28	7.1
104-51-8	n-Butylbenzene	ND		28	7.1
95-50-1	1,2-Dichlorobenzene	ND		28	7.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	47
120-82-1	1,2,4-Trichlorobenzene	ND		28	7.1
87-61-6	1,2,3-Trichlorobenzene	ND		28	7.1
87-68-3	Hexachlorobutadiene	ND		28	7.1
91-20-3	Naphthalene	ND		28	7.1
1634-04-4	Methyl tert-butyl ether	ND		28	7.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(0-1) | Lab Sample ID: 580-24938-13

Matrix: Solid | Lab File ID: VB00134499.D

Analysis Method: 8260B | Date Collected: 03/11/2011 07:37

Sample wt/vol: 19.02(g) | Date Analyzed: 03/13/2011 03:19

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.2 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		27	6.7
74-87-3	Chloromethane	ND		270	67
75-01-4	Vinyl chloride	ND		5.3	1.3
74-83-9	Bromomethane	ND		93	23
75-00-3	Chloroethane	ND		270	67
75-69-4	Trichlorofluoromethane	ND		27	6.7
75-35-4	1,1-Dichloroethene	ND		13	3.3
75-09-2	Methylene Chloride	ND		27	6.7
156-60-5	trans-1,2-Dichloroethene	ND		27	6.7
75-34-3	1,1-Dichloroethane	ND		27	6.7
594-20-7	2,2-Dichloropropane	ND		27	6.7
156-59-2	cis-1,2-Dichloroethene	ND		27	6.7
74-97-5	Chlorobromomethane	ND		27	8.0
67-66-3	Chloroform	ND		27	6.7
71-55-6	1,1,1-Trichloroethane	ND		27	6.7
56-23-5	Carbon tetrachloride	ND		13	3.3
563-58-6	1,1-Dichloropropene	ND		27	6.7
71-43-2	Benzene	ND		11	2.7
107-06-2	1,2-Dichloroethane	ND		27	6.7
79-01-6	Trichloroethene	ND		11	2.7
78-87-5	1,2-Dichloropropane	ND		8.0	2.6
74-95-3	Dibromomethane	ND		27	6.7
75-27-4	Dichlorobromomethane	ND		27	6.7
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.7
108-88-3	Toluene	ND		27	6.7
10061-02-6	trans-1,3-Dichloropropene	ND	^	11	2.7
79-00-5	1,1,2-Trichloroethane	ND		8.0	2.0
127-18-4	Tetrachloroethene	ND		13	3.3
142-28-9	1,3-Dichloropropane	ND		27	6.7
124-48-1	Chlorodibromomethane	ND	^	27	6.7
106-93-4	Ethylene Dibromide	ND		27	6.7
108-90-7	Chlorobenzene	ND	* ^	27	6.7
100-41-4	Ethylbenzene	ND	^	27	6.7
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	27	6.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.7	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(0-1) | Lab Sample ID: 580-24938-13

Matrix: Solid | Lab File ID: VB00134499.D

Analysis Method: 8260B | Date Collected: 03/11/2011 07:37

Sample wt/vol: 19.02(g) | Date Analyzed: 03/13/2011 03:19

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.2 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	27	6.7
95-47-6	o-Xylene	ND	^	27	6.7
100-42-5	Styrene	ND		27	6.7
75-25-2	Bromoform	ND		27	7.3
98-82-8	Isopropylbenzene	ND		27	6.7
108-86-1	Bromobenzene	ND		27	6.7
103-65-1	N-Propylbenzene	ND		27	6.7
96-18-4	1,2,3-Trichloropropane	ND		27	7.7
95-49-8	2-Chlorotoluene	ND		27	6.7
108-67-8	1,3,5-Trimethylbenzene	ND		27	6.7
106-43-4	4-Chlorotoluene	ND		27	8.6
98-06-6	tert-Butylbenzene	ND		27	6.7
95-63-6	1,2,4-Trimethylbenzene	ND		27	6.7
135-98-8	sec-Butylbenzene	ND		27	6.7
541-73-1	1,3-Dichlorobenzene	ND		27	6.7
99-87-6	4-Isopropyltoluene	ND		27	6.7
106-46-7	1,4-Dichlorobenzene	ND		27	6.7
104-51-8	n-Butylbenzene	ND		27	6.7
95-50-1	1,2-Dichlorobenzene	ND		27	6.7
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	44
120-82-1	1,2,4-Trichlorobenzene	ND		27	6.7
87-61-6	1,2,3-Trichlorobenzene	ND		27	6.7
87-68-3	Hexachlorobutadiene	ND		27	6.7
91-20-3	Naphthalene	ND		27	6.7
1634-04-4	Methyl tert-butyl ether	ND		27	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	108		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(4-5) | Lab Sample ID: 580-24938-14

Matrix: Solid | Lab File ID: VB00134500.D

Analysis Method: 8260B | Date Collected: 03/11/2011 07:45

Sample wt/vol: 17.22(g) | Date Analyzed: 03/13/2011 03:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		31	7.8
74-87-3	Chloromethane	ND		310	78
75-01-4	Vinyl chloride	ND		6.2	1.6
74-83-9	Bromomethane	ND		110	27
75-00-3	Chloroethane	ND		310	78
75-69-4	Trichlorofluoromethane	ND		31	7.8
75-35-4	1,1-Dichloroethene	ND		16	3.9
75-09-2	Methylene Chloride	ND		31	7.8
156-60-5	trans-1,2-Dichloroethene	ND		31	7.8
75-34-3	1,1-Dichloroethane	ND		31	7.8
594-20-7	2,2-Dichloropropane	ND		31	7.8
156-59-2	cis-1,2-Dichloroethene	ND		31	7.8
74-97-5	Chlorobromomethane	ND		31	9.4
67-66-3	Chloroform	ND		31	7.8
71-55-6	1,1,1-Trichloroethane	ND		31	7.8
56-23-5	Carbon tetrachloride	ND		16	3.9
563-58-6	1,1-Dichloropropene	ND		31	7.8
71-43-2	Benzene	ND		12	3.1
107-06-2	1,2-Dichloroethane	ND		31	7.8
79-01-6	Trichloroethene	ND		12	3.1
78-87-5	1,2-Dichloropropane	ND		9.4	3.0
74-95-3	Dibromomethane	ND		31	7.8
75-27-4	Dichlorobromomethane	ND		31	7.8
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.1
108-88-3	Toluene	ND		31	7.8
10061-02-6	trans-1,3-Dichloropropene	ND	^	12	3.1
79-00-5	1,1,2-Trichloroethane	ND		9.4	2.3
127-18-4	Tetrachloroethene	ND		16	3.9
142-28-9	1,3-Dichloropropane	ND		31	7.8
124-48-1	Chlorodibromomethane	ND	^	31	7.8
106-93-4	Ethylene Dibromide	ND		31	7.8
108-90-7	Chlorobenzene	ND	* ^	31	7.8
100-41-4	Ethylbenzene	ND	^	31	7.8
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	31	7.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.8	2.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(4-5) | Lab Sample ID: 580-24938-14

Matrix: Solid | Lab File ID: VB00134500.D

Analysis Method: 8260B | Date Collected: 03/11/2011 07:45

Sample wt/vol: 17.22(g) | Date Analyzed: 03/13/2011 03:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	31	7.8
95-47-6	o-Xylene	ND	^	31	7.8
100-42-5	Styrene	ND		31	7.8
75-25-2	Bromoform	ND		31	8.6
98-82-8	Isopropylbenzene	ND		31	7.8
108-86-1	Bromobenzene	ND		31	7.8
103-65-1	N-Propylbenzene	ND		31	7.8
96-18-4	1,2,3-Trichloropropane	ND		31	9.0
95-49-8	2-Chlorotoluene	ND		31	7.8
108-67-8	1,3,5-Trimethylbenzene	ND		31	7.8
106-43-4	4-Chlorotoluene	ND		31	10
98-06-6	tert-Butylbenzene	ND		31	7.8
95-63-6	1,2,4-Trimethylbenzene	ND		31	7.8
135-98-8	sec-Butylbenzene	ND		31	7.8
541-73-1	1,3-Dichlorobenzene	ND		31	7.8
99-87-6	4-Isopropyltoluene	ND		31	7.8
106-46-7	1,4-Dichlorobenzene	ND		31	7.8
104-51-8	n-Butylbenzene	ND		31	7.8
95-50-1	1,2-Dichlorobenzene	ND		31	7.8
96-12-8	1,2-Dibromo-3-Chloropropane	ND		160	51
120-82-1	1,2,4-Trichlorobenzene	ND		31	7.8
87-61-6	1,2,3-Trichlorobenzene	ND		31	7.8
87-68-3	Hexachlorobutadiene	ND		31	7.8
91-20-3	Naphthalene	ND		31	7.8
1634-04-4	Methyl tert-butyl ether	ND		31	7.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(0-1) RA | Lab Sample ID: 580-24938-15 RA

Matrix: Solid | Lab File ID: VB00134562.D

Analysis Method: 8260B | Date Collected: 03/11/2011 08:30

Sample wt/vol: 17.76(g) | Date Analyzed: 03/15/2011 13:54

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		28	7.0
74-87-3	Chloromethane	ND		280	70
75-01-4	Vinyl chloride	ND		5.6	1.4
74-83-9	Bromomethane	ND		98	25
75-00-3	Chloroethane	ND		280	70
75-69-4	Trichlorofluoromethane	ND		28	7.0
75-35-4	1,1-Dichloroethene	ND		14	3.5
75-09-2	Methylene Chloride	ND		28	7.0
156-60-5	trans-1,2-Dichloroethene	ND		28	7.0
75-34-3	1,1-Dichloroethane	ND		28	7.0
594-20-7	2,2-Dichloropropane	ND		28	7.0
156-59-2	cis-1,2-Dichloroethene	ND		28	7.0
74-97-5	Chlorobromomethane	ND		28	8.4
67-66-3	Chloroform	12	J B	28	7.0
71-55-6	1,1,1-Trichloroethane	ND		28	7.0
56-23-5	Carbon tetrachloride	ND		14	3.5
563-58-6	1,1-Dichloropropene	ND		28	7.0
71-43-2	Benzene	ND		11	2.8
107-06-2	1,2-Dichloroethane	ND		28	7.0
79-01-6	Trichloroethene	ND		11	2.8
78-87-5	1,2-Dichloropropane	ND		8.4	2.7
74-95-3	Dibromomethane	ND		28	7.0
75-27-4	Dichlorobromomethane	ND		28	7.0
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.8
108-88-3	Toluene	ND		28	7.0
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.8
79-00-5	1,1,2-Trichloroethane	ND		8.4	2.1
127-18-4	Tetrachloroethene	ND		14	3.5
142-28-9	1,3-Dichloropropane	ND		28	7.0
124-48-1	Chlorodibromomethane	ND		28	7.0
106-93-4	Ethylene Dibromide	ND		28	7.0
108-90-7	Chlorobenzene	ND	*	28	7.0
100-41-4	Ethylbenzene	ND		28	7.0
630-20-6	1,1,1,2-Tetrachloroethane	ND		28	7.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.0	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(0-1) RA | Lab Sample ID: 580-24938-15 RA

Matrix: Solid | Lab File ID: VB00134562.D

Analysis Method: 8260B | Date Collected: 03/11/2011 08:30

Sample wt/vol: 17.76(g) | Date Analyzed: 03/15/2011 13:54

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		28	7.0
95-47-6	o-Xylene	ND		28	7.0
100-42-5	Styrene	ND		28	7.0
75-25-2	Bromoform	ND		28	7.7
98-82-8	Isopropylbenzene	ND		28	7.0
108-86-1	Bromobenzene	ND		28	7.0
103-65-1	N-Propylbenzene	ND		28	7.0
96-18-4	1,2,3-Trichloropropane	ND		28	8.1
95-49-8	2-Chlorotoluene	ND		28	7.0
108-67-8	1,3,5-Trimethylbenzene	ND		28	7.0
106-43-4	4-Chlorotoluene	ND		28	9.1
98-06-6	tert-Butylbenzene	ND		28	7.0
95-63-6	1,2,4-Trimethylbenzene	ND		28	7.0
135-98-8	sec-Butylbenzene	ND		28	7.0
541-73-1	1,3-Dichlorobenzene	ND		28	7.0
99-87-6	4-Isopropyltoluene	ND		28	7.0
106-46-7	1,4-Dichlorobenzene	ND		28	7.0
104-51-8	n-Butylbenzene	ND		28	7.0
95-50-1	1,2-Dichlorobenzene	ND		28	7.0
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	46
120-82-1	1,2,4-Trichlorobenzene	ND		28	7.0
87-61-6	1,2,3-Trichlorobenzene	ND		28	7.0
87-68-3	Hexachlorobutadiene	ND		28	7.0
91-20-3	Naphthalene	ND		28	7.0
1634-04-4	Methyl tert-butyl ether	ND		28	7.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	115		75-125
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(2-3) RA | Lab Sample ID: 580-24938-16 RA

Matrix: Solid | Lab File ID: VB00134563.D

Analysis Method: 8260B | Date Collected: 03/11/2011 08:35

Sample wt/vol: 21.51(g) | Date Analyzed: 03/15/2011 14:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 25.4 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		25	6.3
74-87-3	Chloromethane	ND		250	63
75-01-4	Vinyl chloride	ND		5.1	1.3
74-83-9	Bromomethane	ND		88	22
75-00-3	Chloroethane	ND		250	63
75-69-4	Trichlorofluoromethane	ND		25	6.3
75-35-4	1,1-Dichloroethene	ND		13	3.2
75-09-2	Methylene Chloride	ND		25	6.3
156-60-5	trans-1,2-Dichloroethene	ND		25	6.3
75-34-3	1,1-Dichloroethane	ND		25	6.3
594-20-7	2,2-Dichloropropane	ND		25	6.3
156-59-2	cis-1,2-Dichloroethene	ND		25	6.3
74-97-5	Chlorobromomethane	ND		25	7.6
67-66-3	Chloroform	11	J B	25	6.3
71-55-6	1,1,1-Trichloroethane	ND		25	6.3
56-23-5	Carbon tetrachloride	ND		13	3.2
563-58-6	1,1-Dichloropropene	ND		25	6.3
71-43-2	Benzene	ND		10	2.5
107-06-2	1,2-Dichloroethane	ND		25	6.3
79-01-6	Trichloroethene	ND		10	2.5
78-87-5	1,2-Dichloropropane	ND		7.6	2.5
74-95-3	Dibromomethane	ND		25	6.3
75-27-4	Dichlorobromomethane	ND		25	6.3
10061-01-5	cis-1,3-Dichloropropene	ND		10	2.5
108-88-3	Toluene	ND		25	6.3
10061-02-6	trans-1,3-Dichloropropene	ND		10	2.5
79-00-5	1,1,2-Trichloroethane	ND		7.6	1.9
127-18-4	Tetrachloroethene	ND		13	3.2
142-28-9	1,3-Dichloropropane	ND		25	6.3
124-48-1	Chlorodibromomethane	ND		25	6.3
106-93-4	Ethylene Dibromide	ND		25	6.3
108-90-7	Chlorobenzene	ND	*	25	6.3
100-41-4	Ethylbenzene	ND		25	6.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	6.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.3	2.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(2-3) RA | Lab Sample ID: 580-24938-16 RA

Matrix: Solid | Lab File ID: VB00134563.D

Analysis Method: 8260B | Date Collected: 03/11/2011 08:35

Sample wt/vol: 21.51(g) | Date Analyzed: 03/15/2011 14:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 25.4 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		25	6.3
95-47-6	o-Xylene	ND		25	6.3
100-42-5	Styrene	ND		25	6.3
75-25-2	Bromoform	ND		25	6.9
98-82-8	Isopropylbenzene	ND		25	6.3
108-86-1	Bromobenzene	ND		25	6.3
103-65-1	N-Propylbenzene	ND		25	6.3
96-18-4	1,2,3-Trichloropropane	ND		25	7.3
95-49-8	2-Chlorotoluene	ND		25	6.3
108-67-8	1,3,5-Trimethylbenzene	ND		25	6.3
106-43-4	4-Chlorotoluene	ND		25	8.2
98-06-6	tert-Butylbenzene	ND		25	6.3
95-63-6	1,2,4-Trimethylbenzene	ND		25	6.3
135-98-8	sec-Butylbenzene	ND		25	6.3
541-73-1	1,3-Dichlorobenzene	ND		25	6.3
99-87-6	4-Isopropyltoluene	ND		25	6.3
106-46-7	1,4-Dichlorobenzene	ND		25	6.3
104-51-8	n-Butylbenzene	ND		25	6.3
95-50-1	1,2-Dichlorobenzene	ND		25	6.3
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	42
120-82-1	1,2,4-Trichlorobenzene	ND		25	6.3
87-61-6	1,2,3-Trichlorobenzene	ND		25	6.3
87-68-3	Hexachlorobutadiene	ND		25	6.3
91-20-3	Naphthalene	ND		25	6.3
1634-04-4	Methyl tert-butyl ether	ND		25	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	114		75-125
460-00-4	4-Bromofluorobenzene (Surr)	99		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(0-1) RA | Lab Sample ID: 580-24938-17 RA

Matrix: Solid | Lab File ID: VB00134564.D

Analysis Method: 8260B | Date Collected: 03/11/2011 08:45

Sample wt/vol: 18.72(g) | Date Analyzed: 03/15/2011 14:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 26.5 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		29	7.4
74-87-3	Chloromethane	ND		290	74
75-01-4	Vinyl chloride	ND		5.9	1.5
74-83-9	Bromomethane	ND		100	26
75-00-3	Chloroethane	ND		290	74
75-69-4	Trichlorofluoromethane	ND		29	7.4
75-35-4	1,1-Dichloroethene	ND		15	3.7
75-09-2	Methylene Chloride	ND		29	7.4
156-60-5	trans-1,2-Dichloroethene	ND		29	7.4
75-34-3	1,1-Dichloroethane	ND		29	7.4
594-20-7	2,2-Dichloropropane	ND		29	7.4
156-59-2	cis-1,2-Dichloroethene	ND		29	7.4
74-97-5	Chlorobromomethane	ND		29	8.8
67-66-3	Chloroform	11	J B	29	7.4
71-55-6	1,1,1-Trichloroethane	ND		29	7.4
56-23-5	Carbon tetrachloride	ND		15	3.7
563-58-6	1,1-Dichloropropene	ND		29	7.4
71-43-2	Benzene	ND		12	2.9
107-06-2	1,2-Dichloroethane	ND		29	7.4
79-01-6	Trichloroethene	ND		12	2.9
78-87-5	1,2-Dichloropropane	ND		8.8	2.9
74-95-3	Dibromomethane	ND		29	7.4
75-27-4	Dichlorobromomethane	ND		29	7.4
10061-01-5	cis-1,3-Dichloropropene	ND		12	2.9
108-88-3	Toluene	ND		29	7.4
10061-02-6	trans-1,3-Dichloropropene	ND		12	2.9
79-00-5	1,1,2-Trichloroethane	ND		8.8	2.2
127-18-4	Tetrachloroethene	ND		15	3.7
142-28-9	1,3-Dichloropropane	ND		29	7.4
124-48-1	Chlorodibromomethane	ND		29	7.4
106-93-4	Ethylene Dibromide	ND		29	7.4
108-90-7	Chlorobenzene	ND	*	29	7.4
100-41-4	Ethylbenzene	ND		29	7.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		29	7.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.4	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(0-1) RA | Lab Sample ID: 580-24938-17 RA

Matrix: Solid | Lab File ID: VB00134564.D

Analysis Method: 8260B | Date Collected: 03/11/2011 08:45

Sample wt/vol: 18.72(g) | Date Analyzed: 03/15/2011 14:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 26.5 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		29	7.4
95-47-6	o-Xylene	ND		29	7.4
100-42-5	Styrene	ND		29	7.4
75-25-2	Bromoform	ND		29	8.1
98-82-8	Isopropylbenzene	ND		29	7.4
108-86-1	Bromobenzene	ND		29	7.4
103-65-1	N-Propylbenzene	ND		29	7.4
96-18-4	1,2,3-Trichloropropane	ND		29	8.5
95-49-8	2-Chlorotoluene	ND		29	7.4
108-67-8	1,3,5-Trimethylbenzene	ND		29	7.4
106-43-4	4-Chlorotoluene	ND		29	9.6
98-06-6	tert-Butylbenzene	ND		29	7.4
95-63-6	1,2,4-Trimethylbenzene	ND		29	7.4
135-98-8	sec-Butylbenzene	ND		29	7.4
541-73-1	1,3-Dichlorobenzene	ND		29	7.4
99-87-6	4-Isopropyltoluene	ND		29	7.4
106-46-7	1,4-Dichlorobenzene	ND		29	7.4
104-51-8	n-Butylbenzene	ND		29	7.4
95-50-1	1,2-Dichlorobenzene	ND		29	7.4
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	49
120-82-1	1,2,4-Trichlorobenzene	ND		29	7.4
87-61-6	1,2,3-Trichlorobenzene	ND		29	7.4
87-68-3	Hexachlorobutadiene	ND		29	7.4
91-20-3	Naphthalene	ND		29	7.4
1634-04-4	Methyl tert-butyl ether	ND		29	7.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	86		85-115
25837-05-2	Ethylbenzene-d10	115		75-125
460-00-4	4-Bromofluorobenzene (Surr)	99		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(3-4) RA | Lab Sample ID: 580-24938-18 RA

Matrix: Solid | Lab File ID: VB00134565.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:00

Sample wt/vol: 18.35(g) | Date Analyzed: 03/15/2011 15:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.7 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		28	7.1
74-87-3	Chloromethane	ND		280	71
75-01-4	Vinyl chloride	ND		5.7	1.4
74-83-9	Bromomethane	ND		100	25
75-00-3	Chloroethane	ND		280	71
75-69-4	Trichlorofluoromethane	ND		28	7.1
75-35-4	1,1-Dichloroethene	ND		14	3.6
75-09-2	Methylene Chloride	ND		28	7.1
156-60-5	trans-1,2-Dichloroethene	ND		28	7.1
75-34-3	1,1-Dichloroethane	ND		28	7.1
594-20-7	2,2-Dichloropropane	ND		28	7.1
156-59-2	cis-1,2-Dichloroethene	ND		28	7.1
74-97-5	Chlorobromomethane	ND		28	8.5
67-66-3	Chloroform	11	J B	28	7.1
71-55-6	1,1,1-Trichloroethane	ND		28	7.1
56-23-5	Carbon tetrachloride	ND		14	3.6
563-58-6	1,1-Dichloropropene	ND		28	7.1
71-43-2	Benzene	ND		11	2.8
107-06-2	1,2-Dichloroethane	ND		28	7.1
79-01-6	Trichloroethene	ND		11	2.8
78-87-5	1,2-Dichloropropane	ND		8.5	2.8
74-95-3	Dibromomethane	ND		28	7.1
75-27-4	Dichlorobromomethane	ND		28	7.1
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.8
108-88-3	Toluene	ND		28	7.1
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.8
79-00-5	1,1,2-Trichloroethane	ND		8.5	2.1
127-18-4	Tetrachloroethene	ND		14	3.6
142-28-9	1,3-Dichloropropane	ND		28	7.1
124-48-1	Chlorodibromomethane	ND		28	7.1
106-93-4	Ethylene Dibromide	ND		28	7.1
108-90-7	Chlorobenzene	ND	*	28	7.1
100-41-4	Ethylbenzene	ND		28	7.1
630-20-6	1,1,1,2-Tetrachloroethane	ND		28	7.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.1	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(3-4) RA | Lab Sample ID: 580-24938-18 RA

Matrix: Solid | Lab File ID: VB00134565.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:00

Sample wt/vol: 18.35(g) | Date Analyzed: 03/15/2011 15:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.7 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		28	7.1
95-47-6	o-Xylene	ND		28	7.1
100-42-5	Styrene	ND		28	7.1
75-25-2	Bromoform	ND		28	7.8
98-82-8	Isopropylbenzene	ND		28	7.1
108-86-1	Bromobenzene	ND		28	7.1
103-65-1	N-Propylbenzene	ND		28	7.1
96-18-4	1,2,3-Trichloropropane	ND		28	8.3
95-49-8	2-Chlorotoluene	ND		28	7.1
108-67-8	1,3,5-Trimethylbenzene	ND		28	7.1
106-43-4	4-Chlorotoluene	ND		28	9.3
98-06-6	tert-Butylbenzene	ND		28	7.1
95-63-6	1,2,4-Trimethylbenzene	ND		28	7.1
135-98-8	sec-Butylbenzene	ND		28	7.1
541-73-1	1,3-Dichlorobenzene	ND		28	7.1
99-87-6	4-Isopropyltoluene	ND		28	7.1
106-46-7	1,4-Dichlorobenzene	ND		28	7.1
104-51-8	n-Butylbenzene	ND		28	7.1
95-50-1	1,2-Dichlorobenzene	ND		28	7.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	47
120-82-1	1,2,4-Trichlorobenzene	ND		28	7.1
87-61-6	1,2,3-Trichlorobenzene	ND		28	7.1
87-68-3	Hexachlorobutadiene	ND		28	7.1
91-20-3	Naphthalene	ND		28	7.1
1634-04-4	Methyl tert-butyl ether	ND		28	7.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	86		85-115
25837-05-2	Ethylbenzene-d10	116		75-125
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1) RA | Lab Sample ID: 580-24938-19 RA

Matrix: Solid | Lab File ID: VB00134566.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:20

Sample wt/vol: 16.47(g) | Date Analyzed: 03/15/2011 15:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.9 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		32	8.0
74-87-3	Chloromethane	ND		320	80
75-01-4	Vinyl chloride	ND		6.4	1.6
74-83-9	Bromomethane	ND		110	28
75-00-3	Chloroethane	ND		320	80
75-69-4	Trichlorofluoromethane	ND		32	8.0
75-35-4	1,1-Dichloroethene	ND		16	4.0
75-09-2	Methylene Chloride	ND		32	8.0
156-60-5	trans-1,2-Dichloroethene	ND		32	8.0
75-34-3	1,1-Dichloroethane	ND		32	8.0
594-20-7	2,2-Dichloropropane	ND		32	8.0
156-59-2	cis-1,2-Dichloroethene	ND		32	8.0
74-97-5	Chlorobromomethane	ND		32	9.5
67-66-3	Chloroform	14	J B	32	8.0
71-55-6	1,1,1-Trichloroethane	ND		32	8.0
56-23-5	Carbon tetrachloride	ND		16	4.0
563-58-6	1,1-Dichloropropene	ND		32	8.0
71-43-2	Benzene	ND		13	3.2
107-06-2	1,2-Dichloroethane	ND		32	8.0
79-01-6	Trichloroethene	ND		13	3.2
78-87-5	1,2-Dichloropropane	ND		9.5	3.1
74-95-3	Dibromomethane	ND		32	8.0
75-27-4	Dichlorobromomethane	ND		32	8.0
10061-01-5	cis-1,3-Dichloropropene	ND		13	3.2
108-88-3	Toluene	ND		32	8.0
10061-02-6	trans-1,3-Dichloropropene	ND		13	3.2
79-00-5	1,1,2-Trichloroethane	ND		9.5	2.4
127-18-4	Tetrachloroethene	ND		16	4.0
142-28-9	1,3-Dichloropropane	ND		32	8.0
124-48-1	Chlorodibromomethane	ND		32	8.0
106-93-4	Ethylene Dibromide	ND		32	8.0
108-90-7	Chlorobenzene	ND	*	32	8.0
100-41-4	Ethylbenzene	ND		32	8.0
630-20-6	1,1,1,2-Tetrachloroethane	ND		32	8.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		8.0	2.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1) RA | Lab Sample ID: 580-24938-19 RA

Matrix: Solid | Lab File ID: VB00134566.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:20

Sample wt/vol: 16.47(g) | Date Analyzed: 03/15/2011 15:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.9 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		32	8.0
95-47-6	o-Xylene	ND		32	8.0
100-42-5	Styrene	ND		32	8.0
75-25-2	Bromoform	ND		32	8.7
98-82-8	Isopropylbenzene	ND		32	8.0
108-86-1	Bromobenzene	ND		32	8.0
103-65-1	N-Propylbenzene	ND		32	8.0
96-18-4	1,2,3-Trichloropropane	ND		32	9.2
95-49-8	2-Chlorotoluene	ND		32	8.0
108-67-8	1,3,5-Trimethylbenzene	ND		32	8.0
106-43-4	4-Chlorotoluene	ND		32	10
98-06-6	tert-Butylbenzene	ND		32	8.0
95-63-6	1,2,4-Trimethylbenzene	ND		32	8.0
135-98-8	sec-Butylbenzene	ND		32	8.0
541-73-1	1,3-Dichlorobenzene	ND		32	8.0
99-87-6	4-Isopropyltoluene	ND		32	8.0
106-46-7	1,4-Dichlorobenzene	ND		32	8.0
104-51-8	n-Butylbenzene	ND		32	8.0
95-50-1	1,2-Dichlorobenzene	ND		32	8.0
96-12-8	1,2-Dibromo-3-Chloropropane	ND		160	52
120-82-1	1,2,4-Trichlorobenzene	ND		32	8.0
87-61-6	1,2,3-Trichlorobenzene	ND		32	8.0
87-68-3	Hexachlorobutadiene	ND		32	8.0
91-20-3	Naphthalene	ND		32	8.0
1634-04-4	Methyl tert-butyl ether	ND		32	8.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	100		75-125
2037-26-5	Toluene-d8 (Surr)	86		85-115
25837-05-2	Ethylbenzene-d10	113		75-125
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1)D RA | Lab Sample ID: 580-24938-20 RA

Matrix: Solid | Lab File ID: VB00134567.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:21

Sample wt/vol: 17.80(g) | Date Analyzed: 03/15/2011 15:46

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		29	7.1
74-87-3	Chloromethane	ND		290	71
75-01-4	Vinyl chloride	ND		5.7	1.4
74-83-9	Bromomethane	ND		100	25
75-00-3	Chloroethane	ND		290	71
75-69-4	Trichlorofluoromethane	ND		29	7.1
75-35-4	1,1-Dichloroethene	ND		14	3.6
75-09-2	Methylene Chloride	ND		29	7.1
156-60-5	trans-1,2-Dichloroethene	ND		29	7.1
75-34-3	1,1-Dichloroethane	ND		29	7.1
594-20-7	2,2-Dichloropropane	ND		29	7.1
156-59-2	cis-1,2-Dichloroethene	ND		29	7.1
74-97-5	Chlorobromomethane	ND		29	8.6
67-66-3	Chloroform	13	J B	29	7.1
71-55-6	1,1,1-Trichloroethane	ND		29	7.1
56-23-5	Carbon tetrachloride	ND		14	3.6
563-58-6	1,1-Dichloropropene	ND		29	7.1
71-43-2	Benzene	ND		11	2.9
107-06-2	1,2-Dichloroethane	ND		29	7.1
79-01-6	Trichloroethene	ND		11	2.9
78-87-5	1,2-Dichloropropane	ND		8.6	2.8
74-95-3	Dibromomethane	ND		29	7.1
75-27-4	Dichlorobromomethane	ND		29	7.1
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.9
108-88-3	Toluene	ND		29	7.1
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.9
79-00-5	1,1,2-Trichloroethane	ND		8.6	2.1
127-18-4	Tetrachloroethene	ND		14	3.6
142-28-9	1,3-Dichloropropane	ND		29	7.1
124-48-1	Chlorodibromomethane	ND		29	7.1
106-93-4	Ethylene Dibromide	ND		29	7.1
108-90-7	Chlorobenzene	ND	*	29	7.1
100-41-4	Ethylbenzene	ND		29	7.1
630-20-6	1,1,1,2-Tetrachloroethane	ND		29	7.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.1	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1)D RA | Lab Sample ID: 580-24938-20 RA

Matrix: Solid | Lab File ID: VB00134567.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:21

Sample wt/vol: 17.80(g) | Date Analyzed: 03/15/2011 15:46

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		29	7.1
95-47-6	o-Xylene	ND		29	7.1
100-42-5	Styrene	ND		29	7.1
75-25-2	Bromoform	ND		29	7.8
98-82-8	Isopropylbenzene	ND		29	7.1
108-86-1	Bromobenzene	ND		29	7.1
103-65-1	N-Propylbenzene	ND		29	7.1
96-18-4	1,2,3-Trichloropropane	ND		29	8.3
95-49-8	2-Chlorotoluene	ND		29	7.1
108-67-8	1,3,5-Trimethylbenzene	ND		29	7.1
106-43-4	4-Chlorotoluene	ND		29	9.3
98-06-6	tert-Butylbenzene	ND		29	7.1
95-63-6	1,2,4-Trimethylbenzene	ND		29	7.1
135-98-8	sec-Butylbenzene	ND		29	7.1
541-73-1	1,3-Dichlorobenzene	ND		29	7.1
99-87-6	4-Isopropyltoluene	ND		29	7.1
106-46-7	1,4-Dichlorobenzene	ND		29	7.1
104-51-8	n-Butylbenzene	ND		29	7.1
95-50-1	1,2-Dichlorobenzene	ND		29	7.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	47
120-82-1	1,2,4-Trichlorobenzene	ND		29	7.1
87-61-6	1,2,3-Trichlorobenzene	ND		29	7.1
87-68-3	Hexachlorobutadiene	ND		29	7.1
91-20-3	Naphthalene	ND		29	7.1
1634-04-4	Methyl tert-butyl ether	ND		29	7.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	86		85-115
25837-05-2	Ethylbenzene-d10	118		75-125
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) | Lab Sample ID: 580-24938-21

Matrix: Solid | Lab File ID: VB00134486.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:30

Sample wt/vol: 16.00(g) | Date Analyzed: 03/12/2011 21:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 31.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		37	9.2
74-87-3	Chloromethane	ND		370	92
75-01-4	Vinyl chloride	ND		7.4	1.8
74-83-9	Bromomethane	ND		130	32
75-00-3	Chloroethane	ND		370	92
75-69-4	Trichlorofluoromethane	ND		37	9.2
75-35-4	1,1-Dichloroethene	ND		18	4.6
75-09-2	Methylene Chloride	ND		37	9.2
156-60-5	trans-1,2-Dichloroethene	ND		37	9.2
75-34-3	1,1-Dichloroethane	ND		37	9.2
594-20-7	2,2-Dichloropropane	ND		37	9.2
156-59-2	cis-1,2-Dichloroethene	ND		37	9.2
74-97-5	Chlorobromomethane	ND		37	11
67-66-3	Chloroform	ND		37	9.2
71-55-6	1,1,1-Trichloroethane	ND		37	9.2
56-23-5	Carbon tetrachloride	ND		18	4.6
563-58-6	1,1-Dichloropropene	ND		37	9.2
71-43-2	Benzene	ND		15	3.7
107-06-2	1,2-Dichloroethane	ND		37	9.2
79-01-6	Trichloroethene	ND		15	3.7
78-87-5	1,2-Dichloropropane	ND		11	3.6
74-95-3	Dibromomethane	ND		37	9.2
75-27-4	Dichlorobromomethane	ND		37	9.2
10061-01-5	cis-1,3-Dichloropropene	ND		15	3.7
108-88-3	Toluene	ND		37	9.2
10061-02-6	trans-1,3-Dichloropropene	ND	^	15	3.7
79-00-5	1,1,2-Trichloroethane	ND		11	2.8
127-18-4	Tetrachloroethene	ND		18	4.6
142-28-9	1,3-Dichloropropane	ND		37	9.2
124-48-1	Chlorodibromomethane	ND	^	37	9.2
106-93-4	Ethylene Dibromide	ND		37	9.2
108-90-7	Chlorobenzene	18	J * ^	37	9.2
100-41-4	Ethylbenzene	ND	^	37	9.2
630-20-6	1,1,1,2-Tetrachloroethane	ND	^	37	9.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		9.2	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) | Lab Sample ID: 580-24938-21

Matrix: Solid | Lab File ID: VB00134486.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:30

Sample wt/vol: 16.00(g) | Date Analyzed: 03/12/2011 21:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 31.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND	^	37	9.2
95-47-6	o-Xylene	ND	^	37	9.2
100-42-5	Styrene	ND		37	9.2
75-25-2	Bromoform	ND		37	10
98-82-8	Isopropylbenzene	ND		37	9.2
108-86-1	Bromobenzene	ND		37	9.2
103-65-1	N-Propylbenzene	ND		37	9.2
96-18-4	1,2,3-Trichloropropane	ND		37	11
95-49-8	2-Chlorotoluene	ND		37	9.2
108-67-8	1,3,5-Trimethylbenzene	ND		37	9.2
106-43-4	4-Chlorotoluene	ND		37	12
98-06-6	tert-Butylbenzene	ND		37	9.2
95-63-6	1,2,4-Trimethylbenzene	ND		37	9.2
135-98-8	sec-Butylbenzene	ND		37	9.2
541-73-1	1,3-Dichlorobenzene	ND		37	9.2
99-87-6	4-Isopropyltoluene	ND		37	9.2
106-46-7	1,4-Dichlorobenzene	ND		37	9.2
104-51-8	n-Butylbenzene	ND		37	9.2
95-50-1	1,2-Dichlorobenzene	ND		37	9.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		180	61
120-82-1	1,2,4-Trichlorobenzene	ND		37	9.2
87-61-6	1,2,3-Trichlorobenzene	ND		37	9.2
87-68-3	Hexachlorobutadiene	ND		37	9.2
91-20-3	Naphthalene	ND		37	9.2
1634-04-4	Methyl tert-butyl ether	ND		37	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	103		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) | Lab Sample ID: 580-24938-22

Matrix: Solid | Lab File ID: VB00134515.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:45

Sample wt/vol: 18.52(g) | Date Analyzed: 03/13/2011 13:57

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.6 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		27	6.9
74-87-3	Chloromethane	ND		270	69
75-01-4	Vinyl chloride	ND		5.5	1.4
74-83-9	Bromomethane	ND		96	24
75-00-3	Chloroethane	ND		270	69
75-69-4	Trichlorofluoromethane	ND		27	6.9
75-35-4	1,1-Dichloroethene	ND		14	3.4
75-09-2	Methylene Chloride	ND		27	6.9
156-60-5	trans-1,2-Dichloroethene	ND		27	6.9
75-34-3	1,1-Dichloroethane	ND		27	6.9
594-20-7	2,2-Dichloropropane	ND		27	6.9
156-59-2	cis-1,2-Dichloroethene	ND		27	6.9
74-97-5	Chlorobromomethane	ND		27	8.2
67-66-3	Chloroform	ND		27	6.9
71-55-6	1,1,1-Trichloroethane	ND		27	6.9
56-23-5	Carbon tetrachloride	ND		14	3.4
563-58-6	1,1-Dichloropropene	ND		27	6.9
71-43-2	Benzene	ND		11	2.7
107-06-2	1,2-Dichloroethane	ND		27	6.9
79-01-6	Trichloroethene	ND		11	2.7
78-87-5	1,2-Dichloropropane	ND		8.2	2.7
74-95-3	Dibromomethane	ND		27	6.9
75-27-4	Dichlorobromomethane	ND		27	6.9
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.7
108-88-3	Toluene	ND		27	6.9
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.7
79-00-5	1,1,2-Trichloroethane	ND		8.2	2.1
127-18-4	Tetrachloroethene	ND		14	3.4
142-28-9	1,3-Dichloropropane	ND		27	6.9
124-48-1	Chlorodibromomethane	ND		27	6.9
106-93-4	Ethylene Dibromide	ND		27	6.9
108-90-7	Chlorobenzene	11	J *	27	6.9
100-41-4	Ethylbenzene	ND		27	6.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		27	6.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.9	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) | Lab Sample ID: 580-24938-22

Matrix: Solid | Lab File ID: VB00134515.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:45

Sample wt/vol: 18.52(g) | Date Analyzed: 03/13/2011 13:57

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.6 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		27	6.9
95-47-6	o-Xylene	ND		27	6.9
100-42-5	Styrene	ND		27	6.9
75-25-2	Bromoform	ND		27	7.5
98-82-8	Isopropylbenzene	ND		27	6.9
108-86-1	Bromobenzene	ND		27	6.9
103-65-1	N-Propylbenzene	ND		27	6.9
96-18-4	1,2,3-Trichloropropane	ND		27	8.0
95-49-8	2-Chlorotoluene	ND		27	6.9
108-67-8	1,3,5-Trimethylbenzene	ND		27	6.9
106-43-4	4-Chlorotoluene	ND		27	8.9
98-06-6	tert-Butylbenzene	ND		27	6.9
95-63-6	1,2,4-Trimethylbenzene	ND		27	6.9
135-98-8	sec-Butylbenzene	ND		27	6.9
541-73-1	1,3-Dichlorobenzene	ND		27	6.9
99-87-6	4-Isopropyltoluene	ND		27	6.9
106-46-7	1,4-Dichlorobenzene	ND		27	6.9
104-51-8	n-Butylbenzene	ND		27	6.9
95-50-1	1,2-Dichlorobenzene	ND		27	6.9
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	45
120-82-1	1,2,4-Trichlorobenzene	ND		27	6.9
87-61-6	1,2,3-Trichlorobenzene	ND		27	6.9
87-68-3	Hexachlorobutadiene	ND		27	6.9
91-20-3	Naphthalene	ND		27	6.9
1634-04-4	Methyl tert-butyl ether	ND		27	6.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	106		75-125
2037-26-5	Toluene-d8 (Surr)	90		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) | Lab Sample ID: 580-24938-23

Matrix: Solid | Lab File ID: VB00134516.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:50

Sample wt/vol: 19.15(g) | Date Analyzed: 03/13/2011 14:20

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.3 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		28	7.0
74-87-3	Chloromethane	ND		280	70
75-01-4	Vinyl chloride	ND		5.6	1.4
74-83-9	Bromomethane	ND		98	24
75-00-3	Chloroethane	ND		280	70
75-69-4	Trichlorofluoromethane	ND		28	7.0
75-35-4	1,1-Dichloroethene	ND		14	3.5
75-09-2	Methylene Chloride	ND		28	7.0
156-60-5	trans-1,2-Dichloroethene	ND		28	7.0
75-34-3	1,1-Dichloroethane	ND		28	7.0
594-20-7	2,2-Dichloropropane	ND		28	7.0
156-59-2	cis-1,2-Dichloroethene	ND		28	7.0
74-97-5	Chlorobromomethane	ND		28	8.4
67-66-3	Chloroform	ND		28	7.0
71-55-6	1,1,1-Trichloroethane	ND		28	7.0
56-23-5	Carbon tetrachloride	ND		14	3.5
563-58-6	1,1-Dichloropropene	ND		28	7.0
71-43-2	Benzene	ND		11	2.8
107-06-2	1,2-Dichloroethane	ND		28	7.0
79-01-6	Trichloroethene	ND		11	2.8
78-87-5	1,2-Dichloropropane	ND		8.4	2.7
74-95-3	Dibromomethane	ND		28	7.0
75-27-4	Dichlorobromomethane	ND		28	7.0
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.8
108-88-3	Toluene	ND		28	7.0
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.8
79-00-5	1,1,2-Trichloroethane	ND		8.4	2.1
127-18-4	Tetrachloroethene	ND		14	3.5
142-28-9	1,3-Dichloropropane	ND		28	7.0
124-48-1	Chlorodibromomethane	ND		28	7.0
106-93-4	Ethylene Dibromide	ND		28	7.0
108-90-7	Chlorobenzene	ND	*	28	7.0
100-41-4	Ethylbenzene	ND		28	7.0
630-20-6	1,1,1,2-Tetrachloroethane	ND		28	7.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.0	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) | Lab Sample ID: 580-24938-23

Matrix: Solid | Lab File ID: VB00134516.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:50

Sample wt/vol: 19.15(g) | Date Analyzed: 03/13/2011 14:20

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.3 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		28	7.0
95-47-6	o-Xylene	ND		28	7.0
100-42-5	Styrene	ND		28	7.0
75-25-2	Bromoform	ND		28	7.7
98-82-8	Isopropylbenzene	ND		28	7.0
108-86-1	Bromobenzene	ND		28	7.0
103-65-1	N-Propylbenzene	ND		28	7.0
96-18-4	1,2,3-Trichloropropane	ND		28	8.1
95-49-8	2-Chlorotoluene	ND		28	7.0
108-67-8	1,3,5-Trimethylbenzene	ND		28	7.0
106-43-4	4-Chlorotoluene	ND		28	9.1
98-06-6	tert-Butylbenzene	ND		28	7.0
95-63-6	1,2,4-Trimethylbenzene	ND		28	7.0
135-98-8	sec-Butylbenzene	ND		28	7.0
541-73-1	1,3-Dichlorobenzene	ND		28	7.0
99-87-6	4-Isopropyltoluene	ND		28	7.0
106-46-7	1,4-Dichlorobenzene	ND		28	7.0
104-51-8	n-Butylbenzene	ND		28	7.0
95-50-1	1,2-Dichlorobenzene	ND		28	7.0
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	46
120-82-1	1,2,4-Trichlorobenzene	ND		28	7.0
87-61-6	1,2,3-Trichlorobenzene	ND		28	7.0
87-68-3	Hexachlorobutadiene	ND		28	7.0
91-20-3	Naphthalene	ND		28	7.0
1634-04-4	Methyl tert-butyl ether	ND		28	7.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	105		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(0-1) | Lab Sample ID: 580-24938-24

Matrix: Solid | Lab File ID: VB00134517.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:15

Sample wt/vol: 18.92(g) | Date Analyzed: 03/13/2011 14:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.6 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		28	6.9
74-87-3	Chloromethane	ND		280	69
75-01-4	Vinyl chloride	ND		5.5	1.4
74-83-9	Bromomethane	ND		97	24
75-00-3	Chloroethane	ND		280	69
75-69-4	Trichlorofluoromethane	ND		28	6.9
75-35-4	1,1-Dichloroethene	ND		14	3.5
75-09-2	Methylene Chloride	ND		28	6.9
156-60-5	trans-1,2-Dichloroethene	ND		28	6.9
75-34-3	1,1-Dichloroethane	ND		28	6.9
594-20-7	2,2-Dichloropropane	ND		28	6.9
156-59-2	cis-1,2-Dichloroethene	ND		28	6.9
74-97-5	Chlorobromomethane	ND		28	8.3
67-66-3	Chloroform	ND		28	6.9
71-55-6	1,1,1-Trichloroethane	ND		28	6.9
56-23-5	Carbon tetrachloride	ND		14	3.5
563-58-6	1,1-Dichloropropene	ND		28	6.9
71-43-2	Benzene	ND		11	2.8
107-06-2	1,2-Dichloroethane	ND		28	6.9
79-01-6	Trichloroethene	ND		11	2.8
78-87-5	1,2-Dichloropropane	ND		8.3	2.7
74-95-3	Dibromomethane	ND		28	6.9
75-27-4	Dichlorobromomethane	ND		28	6.9
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.8
108-88-3	Toluene	ND		28	6.9
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.8
79-00-5	1,1,2-Trichloroethane	ND		8.3	2.1
127-18-4	Tetrachloroethene	ND		14	3.5
142-28-9	1,3-Dichloropropane	ND		28	6.9
124-48-1	Chlorodibromomethane	ND		28	6.9
106-93-4	Ethylene Dibromide	ND		28	6.9
108-90-7	Chlorobenzene	ND	*	28	6.9
100-41-4	Ethylbenzene	ND		28	6.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		28	6.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.9	2.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(0-1) | Lab Sample ID: 580-24938-24

Matrix: Solid | Lab File ID: VB00134517.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:15

Sample wt/vol: 18.92(g) | Date Analyzed: 03/13/2011 14:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.6 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		28	6.9
95-47-6	o-Xylene	ND		28	6.9
100-42-5	Styrene	ND		28	6.9
75-25-2	Bromoform	ND		28	7.6
98-82-8	Isopropylbenzene	ND		28	6.9
108-86-1	Bromobenzene	ND		28	6.9
103-65-1	N-Propylbenzene	ND		28	6.9
96-18-4	1,2,3-Trichloropropane	ND		28	8.0
95-49-8	2-Chlorotoluene	ND		28	6.9
108-67-8	1,3,5-Trimethylbenzene	ND		28	6.9
106-43-4	4-Chlorotoluene	ND		28	9.0
98-06-6	tert-Butylbenzene	ND		28	6.9
95-63-6	1,2,4-Trimethylbenzene	ND		28	6.9
135-98-8	sec-Butylbenzene	ND		28	6.9
541-73-1	1,3-Dichlorobenzene	ND		28	6.9
99-87-6	4-Isopropyltoluene	ND		28	6.9
106-46-7	1,4-Dichlorobenzene	ND		28	6.9
104-51-8	n-Butylbenzene	ND		28	6.9
95-50-1	1,2-Dichlorobenzene	ND		28	6.9
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	46
120-82-1	1,2,4-Trichlorobenzene	ND		28	6.9
87-61-6	1,2,3-Trichlorobenzene	ND		28	6.9
87-68-3	Hexachlorobutadiene	ND		28	6.9
91-20-3	Naphthalene	ND		28	6.9
1634-04-4	Methyl tert-butyl ether	ND		28	6.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	132	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(3-4) | Lab Sample ID: 580-24938-25

Matrix: Solid | Lab File ID: VB00134518.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:55

Sample wt/vol: 16.96(g) | Date Analyzed: 03/13/2011 15:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.7 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		32	7.9
74-87-3	Chloromethane	ND		320	79
75-01-4	Vinyl chloride	ND		6.3	1.6
74-83-9	Bromomethane	ND		110	28
75-00-3	Chloroethane	ND		320	79
75-69-4	Trichlorofluoromethane	ND		32	7.9
75-35-4	1,1-Dichloroethene	ND		16	4.0
75-09-2	Methylene Chloride	ND		32	7.9
156-60-5	trans-1,2-Dichloroethene	ND		32	7.9
75-34-3	1,1-Dichloroethane	ND		32	7.9
594-20-7	2,2-Dichloropropane	ND		32	7.9
156-59-2	cis-1,2-Dichloroethene	ND		32	7.9
74-97-5	Chlorobromomethane	ND		32	9.5
67-66-3	Chloroform	ND		32	7.9
71-55-6	1,1,1-Trichloroethane	ND		32	7.9
56-23-5	Carbon tetrachloride	ND		16	4.0
563-58-6	1,1-Dichloropropene	ND		32	7.9
71-43-2	Benzene	ND		13	3.2
107-06-2	1,2-Dichloroethane	ND		32	7.9
79-01-6	Trichloroethene	ND		13	3.2
78-87-5	1,2-Dichloropropane	ND		9.5	3.1
74-95-3	Dibromomethane	ND		32	7.9
75-27-4	Dichlorobromomethane	ND		32	7.9
10061-01-5	cis-1,3-Dichloropropene	ND		13	3.2
108-88-3	Toluene	ND		32	7.9
10061-02-6	trans-1,3-Dichloropropene	ND		13	3.2
79-00-5	1,1,2-Trichloroethane	ND		9.5	2.4
127-18-4	Tetrachloroethene	ND		16	4.0
142-28-9	1,3-Dichloropropane	ND		32	7.9
124-48-1	Chlorodibromomethane	ND		32	7.9
106-93-4	Ethylene Dibromide	ND		32	7.9
108-90-7	Chlorobenzene	ND	*	32	7.9
100-41-4	Ethylbenzene	ND		32	7.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		32	7.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.9	2.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(3-4) | Lab Sample ID: 580-24938-25

Matrix: Solid | Lab File ID: VB00134518.D

Analysis Method: 8260B | Date Collected: 03/11/2011 10:55

Sample wt/vol: 16.96(g) | Date Analyzed: 03/13/2011 15:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 24.7 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		32	7.9
95-47-6	o-Xylene	ND		32	7.9
100-42-5	Styrene	ND		32	7.9
75-25-2	Bromoform	ND		32	8.7
98-82-8	Isopropylbenzene	ND		32	7.9
108-86-1	Bromobenzene	ND		32	7.9
103-65-1	N-Propylbenzene	ND		32	7.9
96-18-4	1,2,3-Trichloropropane	ND		32	9.2
95-49-8	2-Chlorotoluene	ND		32	7.9
108-67-8	1,3,5-Trimethylbenzene	ND		32	7.9
106-43-4	4-Chlorotoluene	ND		32	10
98-06-6	tert-Butylbenzene	ND		32	7.9
95-63-6	1,2,4-Trimethylbenzene	ND		32	7.9
135-98-8	sec-Butylbenzene	ND		32	7.9
541-73-1	1,3-Dichlorobenzene	ND		32	7.9
99-87-6	4-Isopropyltoluene	ND		32	7.9
106-46-7	1,4-Dichlorobenzene	ND		32	7.9
104-51-8	n-Butylbenzene	ND		32	7.9
95-50-1	1,2-Dichlorobenzene	ND		32	7.9
96-12-8	1,2-Dibromo-3-Chloropropane	ND		160	52
120-82-1	1,2,4-Trichlorobenzene	ND		32	7.9
87-61-6	1,2,3-Trichlorobenzene	ND		32	7.9
87-68-3	Hexachlorobutadiene	ND		32	7.9
91-20-3	Naphthalene	ND		32	7.9
1634-04-4	Methyl tert-butyl ether	ND		32	7.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(0-1) | Lab Sample ID: 580-24938-26

Matrix: Solid | Lab File ID: VB00134519.D

Analysis Method: 8260B | Date Collected: 03/11/2011 11:05

Sample wt/vol: 16.68(g) | Date Analyzed: 03/13/2011 15:26

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.1 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		30	7.6
74-87-3	Chloromethane	ND		300	76
75-01-4	Vinyl chloride	ND		6.1	1.5
74-83-9	Bromomethane	ND		110	26
75-00-3	Chloroethane	ND		300	76
75-69-4	Trichlorofluoromethane	ND		30	7.6
75-35-4	1,1-Dichloroethene	ND		15	3.8
75-09-2	Methylene Chloride	ND		30	7.6
156-60-5	trans-1,2-Dichloroethene	ND		30	7.6
75-34-3	1,1-Dichloroethane	ND		30	7.6
594-20-7	2,2-Dichloropropane	ND		30	7.6
156-59-2	cis-1,2-Dichloroethene	ND		30	7.6
74-97-5	Chlorobromomethane	ND		30	9.1
67-66-3	Chloroform	ND		30	7.6
71-55-6	1,1,1-Trichloroethane	ND		30	7.6
56-23-5	Carbon tetrachloride	ND		15	3.8
563-58-6	1,1-Dichloropropene	ND		30	7.6
71-43-2	Benzene	ND		12	3.0
107-06-2	1,2-Dichloroethane	ND		30	7.6
79-01-6	Trichloroethene	ND		12	3.0
78-87-5	1,2-Dichloropropane	ND		9.1	2.9
74-95-3	Dibromomethane	ND		30	7.6
75-27-4	Dichlorobromomethane	ND		30	7.6
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.0
108-88-3	Toluene	ND		30	7.6
10061-02-6	trans-1,3-Dichloropropene	ND		12	3.0
79-00-5	1,1,2-Trichloroethane	ND		9.1	2.3
127-18-4	Tetrachloroethene	ND		15	3.8
142-28-9	1,3-Dichloropropane	ND		30	7.6
124-48-1	Chlorodibromomethane	ND		30	7.6
106-93-4	Ethylene Dibromide	ND		30	7.6
108-90-7	Chlorobenzene	ND	*	30	7.6
100-41-4	Ethylbenzene	ND		30	7.6
630-20-6	1,1,1,2-Tetrachloroethane	ND		30	7.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.6	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(0-1) | Lab Sample ID: 580-24938-26

Matrix: Solid | Lab File ID: VB00134519.D

Analysis Method: 8260B | Date Collected: 03/11/2011 11:05

Sample wt/vol: 16.68(g) | Date Analyzed: 03/13/2011 15:26

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.1 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		30	7.6
95-47-6	o-Xylene	ND		30	7.6
100-42-5	Styrene	ND		30	7.6
75-25-2	Bromoform	ND		30	8.3
98-82-8	Isopropylbenzene	ND		30	7.6
108-86-1	Bromobenzene	ND		30	7.6
103-65-1	N-Propylbenzene	ND		30	7.6
96-18-4	1,2,3-Trichloropropane	ND		30	8.8
95-49-8	2-Chlorotoluene	ND		30	7.6
108-67-8	1,3,5-Trimethylbenzene	ND		30	7.6
106-43-4	4-Chlorotoluene	ND		30	9.8
98-06-6	tert-Butylbenzene	ND		30	7.6
95-63-6	1,2,4-Trimethylbenzene	ND		30	7.6
135-98-8	sec-Butylbenzene	ND		30	7.6
541-73-1	1,3-Dichlorobenzene	ND		30	7.6
99-87-6	4-Isopropyltoluene	ND		30	7.6
106-46-7	1,4-Dichlorobenzene	ND		30	7.6
104-51-8	n-Butylbenzene	ND		30	7.6
95-50-1	1,2-Dichlorobenzene	ND		30	7.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	50
120-82-1	1,2,4-Trichlorobenzene	ND		30	7.6
87-61-6	1,2,3-Trichlorobenzene	ND		30	7.6
87-68-3	Hexachlorobutadiene	ND		30	7.6
91-20-3	Naphthalene	ND		30	7.6
1634-04-4	Methyl tert-butyl ether	ND		30	7.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	131	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(4-5) | Lab Sample ID: 580-24938-27

Matrix: Solid | Lab File ID: VB00134520.D

Analysis Method: 8260B | Date Collected: 03/11/2011 11:15

Sample wt/vol: 22.02(g) | Date Analyzed: 03/13/2011 15:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.2 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		23	5.8
74-87-3	Chloromethane	ND		230	58
75-01-4	Vinyl chloride	ND		4.6	1.2
74-83-9	Bromomethane	ND		81	20
75-00-3	Chloroethane	ND		230	58
75-69-4	Trichlorofluoromethane	ND		23	5.8
75-35-4	1,1-Dichloroethene	ND		12	2.9
75-09-2	Methylene Chloride	ND		23	5.8
156-60-5	trans-1,2-Dichloroethene	ND		23	5.8
75-34-3	1,1-Dichloroethane	ND		23	5.8
594-20-7	2,2-Dichloropropane	ND		23	5.8
156-59-2	cis-1,2-Dichloroethene	ND		23	5.8
74-97-5	Chlorobromomethane	ND		23	6.9
67-66-3	Chloroform	ND		23	5.8
71-55-6	1,1,1-Trichloroethane	ND		23	5.8
56-23-5	Carbon tetrachloride	ND		12	2.9
563-58-6	1,1-Dichloropropene	ND		23	5.8
71-43-2	Benzene	ND		9.2	2.3
107-06-2	1,2-Dichloroethane	ND		23	5.8
79-01-6	Trichloroethene	ND		9.2	2.3
78-87-5	1,2-Dichloropropane	ND		6.9	2.2
74-95-3	Dibromomethane	ND		23	5.8
75-27-4	Dichlorobromomethane	ND		23	5.8
10061-01-5	cis-1,3-Dichloropropene	ND		9.2	2.3
108-88-3	Toluene	ND		23	5.8
10061-02-6	trans-1,3-Dichloropropene	ND		9.2	2.3
79-00-5	1,1,2-Trichloroethane	ND		6.9	1.7
127-18-4	Tetrachloroethene	ND		12	2.9
142-28-9	1,3-Dichloropropane	ND		23	5.8
124-48-1	Chlorodibromomethane	ND		23	5.8
106-93-4	Ethylene Dibromide	ND		23	5.8
108-90-7	Chlorobenzene	ND	*	23	5.8
100-41-4	Ethylbenzene	ND		23	5.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		23	5.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.8	1.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(4-5) | Lab Sample ID: 580-24938-27

Matrix: Solid | Lab File ID: VB00134520.D

Analysis Method: 8260B | Date Collected: 03/11/2011 11:15

Sample wt/vol: 22.02(g) | Date Analyzed: 03/13/2011 15:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.2 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		23	5.8
95-47-6	o-Xylene	ND		23	5.8
100-42-5	Styrene	ND		23	5.8
75-25-2	Bromoform	ND		23	6.3
98-82-8	Isopropylbenzene	ND		23	5.8
108-86-1	Bromobenzene	ND		23	5.8
103-65-1	N-Propylbenzene	ND		23	5.8
96-18-4	1,2,3-Trichloropropane	ND		23	6.7
95-49-8	2-Chlorotoluene	ND		23	5.8
108-67-8	1,3,5-Trimethylbenzene	ND		23	5.8
106-43-4	4-Chlorotoluene	ND		23	7.5
98-06-6	tert-Butylbenzene	ND		23	5.8
95-63-6	1,2,4-Trimethylbenzene	ND		23	5.8
135-98-8	sec-Butylbenzene	ND		23	5.8
541-73-1	1,3-Dichlorobenzene	ND		23	5.8
99-87-6	4-Isopropyltoluene	ND		23	5.8
106-46-7	1,4-Dichlorobenzene	ND		23	5.8
104-51-8	n-Butylbenzene	ND		23	5.8
95-50-1	1,2-Dichlorobenzene	ND		23	5.8
96-12-8	1,2-Dibromo-3-Chloropropane	ND		120	38
120-82-1	1,2,4-Trichlorobenzene	ND		23	5.8
87-61-6	1,2,3-Trichlorobenzene	ND		23	5.8
87-68-3	Hexachlorobutadiene	ND		23	5.8
91-20-3	Naphthalene	ND		23	5.8
1634-04-4	Methyl tert-butyl ether	ND		23	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	131	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	112		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(0-1) | Lab Sample ID: 580-24938-28

Matrix: Solid | Lab File ID: VB00134521.D

Analysis Method: 8260B | Date Collected: 03/11/2011 11:30

Sample wt/vol: 18.40(g) | Date Analyzed: 03/13/2011 16:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 14.9 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		26	6.4
74-87-3	Chloromethane	ND		260	64
75-01-4	Vinyl chloride	ND		5.1	1.3
74-83-9	Bromomethane	ND		90	22
75-00-3	Chloroethane	ND		260	64
75-69-4	Trichlorofluoromethane	ND		26	6.4
75-35-4	1,1-Dichloroethene	ND		13	3.2
75-09-2	Methylene Chloride	ND		26	6.4
156-60-5	trans-1,2-Dichloroethene	ND		26	6.4
75-34-3	1,1-Dichloroethane	ND		26	6.4
594-20-7	2,2-Dichloropropane	ND		26	6.4
156-59-2	cis-1,2-Dichloroethene	ND		26	6.4
74-97-5	Chlorobromomethane	ND		26	7.7
67-66-3	Chloroform	ND		26	6.4
71-55-6	1,1,1-Trichloroethane	ND		26	6.4
56-23-5	Carbon tetrachloride	ND		13	3.2
563-58-6	1,1-Dichloropropene	ND		26	6.4
71-43-2	Benzene	ND		10	2.6
107-06-2	1,2-Dichloroethane	ND		26	6.4
79-01-6	Trichloroethene	ND		10	2.6
78-87-5	1,2-Dichloropropane	ND		7.7	2.5
74-95-3	Dibromomethane	ND		26	6.4
75-27-4	Dichlorobromomethane	ND		26	6.4
10061-01-5	cis-1,3-Dichloropropene	ND		10	2.6
108-88-3	Toluene	ND		26	6.4
10061-02-6	trans-1,3-Dichloropropene	ND		10	2.6
79-00-5	1,1,2-Trichloroethane	ND		7.7	1.9
127-18-4	Tetrachloroethene	ND		13	3.2
142-28-9	1,3-Dichloropropane	ND		26	6.4
124-48-1	Chlorodibromomethane	ND		26	6.4
106-93-4	Ethylene Dibromide	ND		26	6.4
108-90-7	Chlorobenzene	ND	*	26	6.4
100-41-4	Ethylbenzene	ND		26	6.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		26	6.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.4	2.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(0-1) | Lab Sample ID: 580-24938-28

Matrix: Solid | Lab File ID: VB00134521.D

Analysis Method: 8260B | Date Collected: 03/11/2011 11:30

Sample wt/vol: 18.40(g) | Date Analyzed: 03/13/2011 16:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 14.9 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		26	6.4
95-47-6	o-Xylene	ND		26	6.4
100-42-5	Styrene	ND		26	6.4
75-25-2	Bromoform	ND		26	7.1
98-82-8	Isopropylbenzene	ND		26	6.4
108-86-1	Bromobenzene	ND		26	6.4
103-65-1	N-Propylbenzene	ND		26	6.4
96-18-4	1,2,3-Trichloropropane	ND		26	7.5
95-49-8	2-Chlorotoluene	ND		26	6.4
108-67-8	1,3,5-Trimethylbenzene	ND		26	6.4
106-43-4	4-Chlorotoluene	ND		26	8.4
98-06-6	tert-Butylbenzene	ND		26	6.4
95-63-6	1,2,4-Trimethylbenzene	ND		26	6.4
135-98-8	sec-Butylbenzene	ND		26	6.4
541-73-1	1,3-Dichlorobenzene	ND		26	6.4
99-87-6	4-Isopropyltoluene	ND		26	6.4
106-46-7	1,4-Dichlorobenzene	ND		26	6.4
104-51-8	n-Butylbenzene	ND		26	6.4
95-50-1	1,2-Dichlorobenzene	ND		26	6.4
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	42
120-82-1	1,2,4-Trichlorobenzene	ND		26	6.4
87-61-6	1,2,3-Trichlorobenzene	ND		26	6.4
87-68-3	Hexachlorobutadiene	ND		26	6.4
91-20-3	Naphthalene	ND		26	6.4
1634-04-4	Methyl tert-butyl ether	ND		26	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	126	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	105		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(3-4) | Lab Sample ID: 580-24938-29

Matrix: Solid | Lab File ID: VB00134522.D

Analysis Method: 8260B | Date Collected: 03/11/2011 11:40

Sample wt/vol: 16.83(g) | Date Analyzed: 03/13/2011 16:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 17.6 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		29	7.3
74-87-3	Chloromethane	ND		290	73
75-01-4	Vinyl chloride	ND		5.8	1.5
74-83-9	Bromomethane	ND		100	25
75-00-3	Chloroethane	ND		290	73
75-69-4	Trichlorofluoromethane	ND		29	7.3
75-35-4	1,1-Dichloroethene	ND		15	3.6
75-09-2	Methylene Chloride	ND		29	7.3
156-60-5	trans-1,2-Dichloroethene	ND		29	7.3
75-34-3	1,1-Dichloroethane	ND		29	7.3
594-20-7	2,2-Dichloropropane	ND		29	7.3
156-59-2	cis-1,2-Dichloroethene	ND		29	7.3
74-97-5	Chlorobromomethane	ND		29	8.7
67-66-3	Chloroform	ND		29	7.3
71-55-6	1,1,1-Trichloroethane	ND		29	7.3
56-23-5	Carbon tetrachloride	ND		15	3.6
563-58-6	1,1-Dichloropropene	ND		29	7.3
71-43-2	Benzene	ND		12	2.9
107-06-2	1,2-Dichloroethane	ND		29	7.3
79-01-6	Trichloroethene	ND		12	2.9
78-87-5	1,2-Dichloropropane	ND		8.7	2.8
74-95-3	Dibromomethane	ND		29	7.3
75-27-4	Dichlorobromomethane	ND		29	7.3
10061-01-5	cis-1,3-Dichloropropene	ND		12	2.9
108-88-3	Toluene	ND		29	7.3
10061-02-6	trans-1,3-Dichloropropene	ND		12	2.9
79-00-5	1,1,2-Trichloroethane	ND		8.7	2.2
127-18-4	Tetrachloroethene	ND		15	3.6
142-28-9	1,3-Dichloropropane	ND		29	7.3
124-48-1	Chlorodibromomethane	ND		29	7.3
106-93-4	Ethylene Dibromide	ND		29	7.3
108-90-7	Chlorobenzene	ND	*	29	7.3
100-41-4	Ethylbenzene	ND		29	7.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		29	7.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.3	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(3-4) | Lab Sample ID: 580-24938-29

Matrix: Solid | Lab File ID: VB00134522.D

Analysis Method: 8260B | Date Collected: 03/11/2011 11:40

Sample wt/vol: 16.83(g) | Date Analyzed: 03/13/2011 16:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 17.6 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		29	7.3
95-47-6	o-Xylene	ND		29	7.3
100-42-5	Styrene	ND		29	7.3
75-25-2	Bromoform	ND		29	8.0
98-82-8	Isopropylbenzene	ND		29	7.3
108-86-1	Bromobenzene	ND		29	7.3
103-65-1	N-Propylbenzene	ND		29	7.3
96-18-4	1,2,3-Trichloropropane	ND		29	8.4
95-49-8	2-Chlorotoluene	ND		29	7.3
108-67-8	1,3,5-Trimethylbenzene	ND		29	7.3
106-43-4	4-Chlorotoluene	ND		29	9.4
98-06-6	tert-Butylbenzene	ND		29	7.3
95-63-6	1,2,4-Trimethylbenzene	ND		29	7.3
135-98-8	sec-Butylbenzene	ND		29	7.3
541-73-1	1,3-Dichlorobenzene	ND		29	7.3
99-87-6	4-Isopropyltoluene	ND		29	7.3
106-46-7	1,4-Dichlorobenzene	ND		29	7.3
104-51-8	n-Butylbenzene	ND		29	7.3
95-50-1	1,2-Dichlorobenzene	ND		29	7.3
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	48
120-82-1	1,2,4-Trichlorobenzene	ND		29	7.3
87-61-6	1,2,3-Trichlorobenzene	ND		29	7.3
87-68-3	Hexachlorobutadiene	ND		29	7.3
91-20-3	Naphthalene	ND		29	7.3
1634-04-4	Methyl tert-butyl ether	ND		29	7.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	126	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(0-1) | Lab Sample ID: 580-24938-30

Matrix: Solid | Lab File ID: VB00134523.D

Analysis Method: 8260B | Date Collected: 03/11/2011 12:05

Sample wt/vol: 17.94(g) | Date Analyzed: 03/13/2011 16:54

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 17.5 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		27	6.8
74-87-3	Chloromethane	ND		270	68
75-01-4	Vinyl chloride	ND		5.4	1.4
74-83-9	Bromomethane	ND		95	24
75-00-3	Chloroethane	ND		270	68
75-69-4	Trichlorofluoromethane	ND		27	6.8
75-35-4	1,1-Dichloroethene	ND		14	3.4
75-09-2	Methylene Chloride	ND		27	6.8
156-60-5	trans-1,2-Dichloroethene	ND		27	6.8
75-34-3	1,1-Dichloroethane	ND		27	6.8
594-20-7	2,2-Dichloropropane	ND		27	6.8
156-59-2	cis-1,2-Dichloroethene	ND		27	6.8
74-97-5	Chlorobromomethane	ND		27	8.2
67-66-3	Chloroform	ND		27	6.8
71-55-6	1,1,1-Trichloroethane	ND		27	6.8
56-23-5	Carbon tetrachloride	ND		14	3.4
563-58-6	1,1-Dichloropropene	ND		27	6.8
71-43-2	Benzene	ND		11	2.7
107-06-2	1,2-Dichloroethane	ND		27	6.8
79-01-6	Trichloroethene	ND		11	2.7
78-87-5	1,2-Dichloropropane	ND		8.2	2.7
74-95-3	Dibromomethane	ND		27	6.8
75-27-4	Dichlorobromomethane	ND		27	6.8
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.7
108-88-3	Toluene	ND		27	6.8
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.7
79-00-5	1,1,2-Trichloroethane	ND		8.2	2.0
127-18-4	Tetrachloroethene	ND		14	3.4
142-28-9	1,3-Dichloropropane	ND		27	6.8
124-48-1	Chlorodibromomethane	ND		27	6.8
106-93-4	Ethylene Dibromide	ND		27	6.8
108-90-7	Chlorobenzene	ND	*	27	6.8
100-41-4	Ethylbenzene	ND		27	6.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		27	6.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.8	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(0-1) | Lab Sample ID: 580-24938-30

Matrix: Solid | Lab File ID: VB00134523.D

Analysis Method: 8260B | Date Collected: 03/11/2011 12:05

Sample wt/vol: 17.94(g) | Date Analyzed: 03/13/2011 16:54

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 17.5 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		27	6.8
95-47-6	o-Xylene	ND		27	6.8
100-42-5	Styrene	ND		27	6.8
75-25-2	Bromoform	ND		27	7.5
98-82-8	Isopropylbenzene	ND		27	6.8
108-86-1	Bromobenzene	ND		27	6.8
103-65-1	N-Propylbenzene	ND		27	6.8
96-18-4	1,2,3-Trichloropropane	ND		27	7.9
95-49-8	2-Chlorotoluene	ND		27	6.8
108-67-8	1,3,5-Trimethylbenzene	ND		27	6.8
106-43-4	4-Chlorotoluene	ND		27	8.9
98-06-6	tert-Butylbenzene	ND		27	6.8
95-63-6	1,2,4-Trimethylbenzene	ND		27	6.8
135-98-8	sec-Butylbenzene	ND		27	6.8
541-73-1	1,3-Dichlorobenzene	ND		27	6.8
99-87-6	4-Isopropyltoluene	ND		27	6.8
106-46-7	1,4-Dichlorobenzene	ND		27	6.8
104-51-8	n-Butylbenzene	ND		27	6.8
95-50-1	1,2-Dichlorobenzene	ND		27	6.8
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	45
120-82-1	1,2,4-Trichlorobenzene	ND		27	6.8
87-61-6	1,2,3-Trichlorobenzene	ND		27	6.8
87-68-3	Hexachlorobutadiene	ND		27	6.8
91-20-3	Naphthalene	ND		27	6.8
1634-04-4	Methyl tert-butyl ether	ND		27	6.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	103		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(3-4) | Lab Sample ID: 580-24938-31

Matrix: Solid | Lab File ID: VB00134524.D

Analysis Method: 8260B | Date Collected: 03/11/2011 12:15

Sample wt/vol: 16.06(g) | Date Analyzed: 03/13/2011 17:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		32	7.9
74-87-3	Chloromethane	ND		320	79
75-01-4	Vinyl chloride	ND		6.3	1.6
74-83-9	Bromomethane	ND		110	28
75-00-3	Chloroethane	ND		320	79
75-69-4	Trichlorofluoromethane	ND		32	7.9
75-35-4	1,1-Dichloroethene	ND		16	3.9
75-09-2	Methylene Chloride	ND		32	7.9
156-60-5	trans-1,2-Dichloroethene	ND		32	7.9
75-34-3	1,1-Dichloroethane	ND		32	7.9
594-20-7	2,2-Dichloropropane	ND		32	7.9
156-59-2	cis-1,2-Dichloroethene	ND		32	7.9
74-97-5	Chlorobromomethane	ND		32	9.5
67-66-3	Chloroform	ND		32	7.9
71-55-6	1,1,1-Trichloroethane	ND		32	7.9
56-23-5	Carbon tetrachloride	ND		16	3.9
563-58-6	1,1-Dichloropropene	ND		32	7.9
71-43-2	Benzene	ND		13	3.2
107-06-2	1,2-Dichloroethane	ND		32	7.9
79-01-6	Trichloroethene	ND		13	3.2
78-87-5	1,2-Dichloropropane	ND		9.5	3.1
74-95-3	Dibromomethane	ND		32	7.9
75-27-4	Dichlorobromomethane	ND		32	7.9
10061-01-5	cis-1,3-Dichloropropene	ND		13	3.2
108-88-3	Toluene	ND		32	7.9
10061-02-6	trans-1,3-Dichloropropene	ND		13	3.2
79-00-5	1,1,2-Trichloroethane	ND		9.5	2.4
127-18-4	Tetrachloroethene	5.2	J B	16	3.9
142-28-9	1,3-Dichloropropane	ND		32	7.9
124-48-1	Chlorodibromomethane	ND		32	7.9
106-93-4	Ethylene Dibromide	ND		32	7.9
108-90-7	Chlorobenzene	ND	*	32	7.9
100-41-4	Ethylbenzene	ND		32	7.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		32	7.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.9	2.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(3-4) | Lab Sample ID: 580-24938-31

Matrix: Solid | Lab File ID: VB00134524.D

Analysis Method: 8260B | Date Collected: 03/11/2011 12:15

Sample wt/vol: 16.06(g) | Date Analyzed: 03/13/2011 17:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.5 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		32	7.9
95-47-6	o-Xylene	ND		32	7.9
100-42-5	Styrene	ND		32	7.9
75-25-2	Bromoform	ND		32	8.7
98-82-8	Isopropylbenzene	ND		32	7.9
108-86-1	Bromobenzene	ND		32	7.9
103-65-1	N-Propylbenzene	ND		32	7.9
96-18-4	1,2,3-Trichloropropane	ND		32	9.2
95-49-8	2-Chlorotoluene	ND		32	7.9
108-67-8	1,3,5-Trimethylbenzene	ND		32	7.9
106-43-4	4-Chlorotoluene	ND		32	10
98-06-6	tert-Butylbenzene	ND		32	7.9
95-63-6	1,2,4-Trimethylbenzene	ND		32	7.9
135-98-8	sec-Butylbenzene	ND		32	7.9
541-73-1	1,3-Dichlorobenzene	ND		32	7.9
99-87-6	4-Isopropyltoluene	ND		32	7.9
106-46-7	1,4-Dichlorobenzene	ND		32	7.9
104-51-8	n-Butylbenzene	ND		32	7.9
95-50-1	1,2-Dichlorobenzene	ND		32	7.9
96-12-8	1,2-Dibromo-3-Chloropropane	ND		160	52
120-82-1	1,2,4-Trichlorobenzene	ND		32	7.9
87-61-6	1,2,3-Trichlorobenzene	ND		32	7.9
87-68-3	Hexachlorobutadiene	ND		32	7.9
91-20-3	Naphthalene	ND		32	7.9
1634-04-4	Methyl tert-butyl ether	ND		32	7.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(0-1) | Lab Sample ID: 580-24938-32

Matrix: Solid | Lab File ID: VB00134525.D

Analysis Method: 8260B | Date Collected: 03/11/2011 12:26

Sample wt/vol: 19.50(g) | Date Analyzed: 03/13/2011 17:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.3 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		26	6.4
74-87-3	Chloromethane	ND		260	64
75-01-4	Vinyl chloride	ND		5.1	1.3
74-83-9	Bromomethane	ND		90	22
75-00-3	Chloroethane	ND		260	64
75-69-4	Trichlorofluoromethane	ND		26	6.4
75-35-4	1,1-Dichloroethene	ND		13	3.2
75-09-2	Methylene Chloride	ND		26	6.4
156-60-5	trans-1,2-Dichloroethene	ND		26	6.4
75-34-3	1,1-Dichloroethane	ND		26	6.4
594-20-7	2,2-Dichloropropane	ND		26	6.4
156-59-2	cis-1,2-Dichloroethene	ND		26	6.4
74-97-5	Chlorobromomethane	ND		26	7.7
67-66-3	Chloroform	ND		26	6.4
71-55-6	1,1,1-Trichloroethane	ND		26	6.4
56-23-5	Carbon tetrachloride	ND		13	3.2
563-58-6	1,1-Dichloropropene	ND		26	6.4
71-43-2	Benzene	ND		10	2.6
107-06-2	1,2-Dichloroethane	ND		26	6.4
79-01-6	Trichloroethene	ND		10	2.6
78-87-5	1,2-Dichloropropane	ND		7.7	2.5
74-95-3	Dibromomethane	ND		26	6.4
75-27-4	Dichlorobromomethane	ND		26	6.4
10061-01-5	cis-1,3-Dichloropropene	ND		10	2.6
108-88-3	Toluene	ND		26	6.4
10061-02-6	trans-1,3-Dichloropropene	ND		10	2.6
79-00-5	1,1,2-Trichloroethane	ND		7.7	1.9
127-18-4	Tetrachloroethene	ND		13	3.2
142-28-9	1,3-Dichloropropane	ND		26	6.4
124-48-1	Chlorodibromomethane	ND		26	6.4
106-93-4	Ethylene Dibromide	ND		26	6.4
108-90-7	Chlorobenzene	ND	*	26	6.4
100-41-4	Ethylbenzene	ND		26	6.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		26	6.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.4	2.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(0-1) | Lab Sample ID: 580-24938-32

Matrix: Solid | Lab File ID: VB00134525.D

Analysis Method: 8260B | Date Collected: 03/11/2011 12:26

Sample wt/vol: 19.50(g) | Date Analyzed: 03/13/2011 17:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 19.3 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		26	6.4
95-47-6	o-Xylene	ND		26	6.4
100-42-5	Styrene	ND		26	6.4
75-25-2	Bromoform	ND		26	7.1
98-82-8	Isopropylbenzene	ND		26	6.4
108-86-1	Bromobenzene	ND		26	6.4
103-65-1	N-Propylbenzene	ND		26	6.4
96-18-4	1,2,3-Trichloropropane	ND		26	7.4
95-49-8	2-Chlorotoluene	ND		26	6.4
108-67-8	1,3,5-Trimethylbenzene	ND		26	6.4
106-43-4	4-Chlorotoluene	ND		26	8.3
98-06-6	tert-Butylbenzene	ND		26	6.4
95-63-6	1,2,4-Trimethylbenzene	ND		26	6.4
135-98-8	sec-Butylbenzene	ND		26	6.4
541-73-1	1,3-Dichlorobenzene	ND		26	6.4
99-87-6	4-Isopropyltoluene	ND		26	6.4
106-46-7	1,4-Dichlorobenzene	ND		26	6.4
104-51-8	n-Butylbenzene	ND		26	6.4
95-50-1	1,2-Dichlorobenzene	ND		26	6.4
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	42
120-82-1	1,2,4-Trichlorobenzene	ND		26	6.4
87-61-6	1,2,3-Trichlorobenzene	ND		26	6.4
87-68-3	Hexachlorobutadiene	ND		26	6.4
91-20-3	Naphthalene	ND		26	6.4
1634-04-4	Methyl tert-butyl ether	ND		26	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(4-5) | Lab Sample ID: 580-24938-33

Matrix: Solid | Lab File ID: VB00134526.D

Analysis Method: 8260B | Date Collected: 03/11/2011 12:30

Sample wt/vol: 22.42(g) | Date Analyzed: 03/13/2011 18:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 23.3 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		24	5.9
74-87-3	Chloromethane	ND		240	59
75-01-4	Vinyl chloride	ND		4.7	1.2
74-83-9	Bromomethane	ND		82	21
75-00-3	Chloroethane	ND		240	59
75-69-4	Trichlorofluoromethane	ND		24	5.9
75-35-4	1,1-Dichloroethene	ND		12	2.9
75-09-2	Methylene Chloride	ND		24	5.9
156-60-5	trans-1,2-Dichloroethene	ND		24	5.9
75-34-3	1,1-Dichloroethane	ND		24	5.9
594-20-7	2,2-Dichloropropane	ND		24	5.9
156-59-2	cis-1,2-Dichloroethene	ND		24	5.9
74-97-5	Chlorobromomethane	ND		24	7.1
67-66-3	Chloroform	ND		24	5.9
71-55-6	1,1,1-Trichloroethane	ND		24	5.9
56-23-5	Carbon tetrachloride	ND		12	2.9
563-58-6	1,1-Dichloropropene	ND		24	5.9
71-43-2	Benzene	ND		9.4	2.4
107-06-2	1,2-Dichloroethane	ND		24	5.9
79-01-6	Trichloroethene	ND		9.4	2.4
78-87-5	1,2-Dichloropropane	ND		7.1	2.3
74-95-3	Dibromomethane	ND		24	5.9
75-27-4	Dichlorobromomethane	ND		24	5.9
10061-01-5	cis-1,3-Dichloropropene	ND		9.4	2.4
108-88-3	Toluene	ND		24	5.9
10061-02-6	trans-1,3-Dichloropropene	ND		9.4	2.4
79-00-5	1,1,2-Trichloroethane	ND		7.1	1.8
127-18-4	Tetrachloroethene	ND		12	2.9
142-28-9	1,3-Dichloropropane	ND		24	5.9
124-48-1	Chlorodibromomethane	ND		24	5.9
106-93-4	Ethylene Dibromide	ND		24	5.9
108-90-7	Chlorobenzene	ND	*	24	5.9
100-41-4	Ethylbenzene	ND		24	5.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		24	5.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.9	1.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(4-5) | Lab Sample ID: 580-24938-33

Matrix: Solid | Lab File ID: VB00134526.D

Analysis Method: 8260B | Date Collected: 03/11/2011 12:30

Sample wt/vol: 22.42(g) | Date Analyzed: 03/13/2011 18:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 23.3 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		24	5.9
95-47-6	o-Xylene	ND		24	5.9
100-42-5	Styrene	ND		24	5.9
75-25-2	Bromoform	ND		24	6.5
98-82-8	Isopropylbenzene	ND		24	5.9
108-86-1	Bromobenzene	ND		24	5.9
103-65-1	N-Propylbenzene	ND		24	5.9
96-18-4	1,2,3-Trichloropropane	ND		24	6.8
95-49-8	2-Chlorotoluene	ND		24	5.9
108-67-8	1,3,5-Trimethylbenzene	ND		24	5.9
106-43-4	4-Chlorotoluene	ND		24	7.7
98-06-6	tert-Butylbenzene	ND		24	5.9
95-63-6	1,2,4-Trimethylbenzene	ND		24	5.9
135-98-8	sec-Butylbenzene	ND		24	5.9
541-73-1	1,3-Dichlorobenzene	ND		24	5.9
99-87-6	4-Isopropyltoluene	ND		24	5.9
106-46-7	1,4-Dichlorobenzene	ND		24	5.9
104-51-8	n-Butylbenzene	ND		24	5.9
95-50-1	1,2-Dichlorobenzene	ND		24	5.9
96-12-8	1,2-Dibromo-3-Chloropropane	ND		120	39
120-82-1	1,2,4-Trichlorobenzene	ND		24	5.9
87-61-6	1,2,3-Trichlorobenzene	ND		24	5.9
87-68-3	Hexachlorobutadiene	ND		24	5.9
91-20-3	Naphthalene	ND		24	5.9
1634-04-4	Methyl tert-butyl ether	ND		24	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	126	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(0-1) | Lab Sample ID: 580-24938-34

Matrix: Solid | Lab File ID: VB00134527.D

Analysis Method: 8260B | Date Collected: 03/11/2011 14:10

Sample wt/vol: 23.58(g) | Date Analyzed: 03/13/2011 18:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 8.3 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		19	4.6
74-87-3	Chloromethane	ND		190	46
75-01-4	Vinyl chloride	ND		3.7	0.93
74-83-9	Bromomethane	ND		65	16
75-00-3	Chloroethane	ND		190	46
75-69-4	Trichlorofluoromethane	ND		19	4.6
75-35-4	1,1-Dichloroethene	ND		9.3	2.3
75-09-2	Methylene Chloride	ND		19	4.6
156-60-5	trans-1,2-Dichloroethene	ND		19	4.6
75-34-3	1,1-Dichloroethane	ND		19	4.6
594-20-7	2,2-Dichloropropane	ND		19	4.6
156-59-2	cis-1,2-Dichloroethene	ND		19	4.6
74-97-5	Chlorobromomethane	ND		19	5.6
67-66-3	Chloroform	ND		19	4.6
71-55-6	1,1,1-Trichloroethane	ND		19	4.6
56-23-5	Carbon tetrachloride	ND		9.3	2.3
563-58-6	1,1-Dichloropropene	ND		19	4.6
71-43-2	Benzene	ND		7.4	1.9
107-06-2	1,2-Dichloroethane	ND		19	4.6
79-01-6	Trichloroethene	ND		7.4	1.9
78-87-5	1,2-Dichloropropane	ND		5.6	1.8
74-95-3	Dibromomethane	ND		19	4.6
75-27-4	Dichlorobromomethane	ND		19	4.6
10061-01-5	cis-1,3-Dichloropropene	ND		7.4	1.9
108-88-3	Toluene	ND		19	4.6
10061-02-6	trans-1,3-Dichloropropene	ND		7.4	1.9
79-00-5	1,1,2-Trichloroethane	ND		5.6	1.4
127-18-4	Tetrachloroethene	ND		9.3	2.3
142-28-9	1,3-Dichloropropane	ND		19	4.6
124-48-1	Chlorodibromomethane	ND		19	4.6
106-93-4	Ethylene Dibromide	ND		19	4.6
108-90-7	Chlorobenzene	ND	*	19	4.6
100-41-4	Ethylbenzene	ND		19	4.6
630-20-6	1,1,1,2-Tetrachloroethane	ND		19	4.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.6	1.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(0-1) | Lab Sample ID: 580-24938-34

Matrix: Solid | Lab File ID: VB00134527.D

Analysis Method: 8260B | Date Collected: 03/11/2011 14:10

Sample wt/vol: 23.58(g) | Date Analyzed: 03/13/2011 18:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 8.3 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		19	4.6
95-47-6	o-Xylene	ND		19	4.6
100-42-5	Styrene	ND		19	4.6
75-25-2	Bromoform	ND		19	5.1
98-82-8	Isopropylbenzene	ND		19	4.6
108-86-1	Bromobenzene	ND		19	4.6
103-65-1	N-Propylbenzene	ND		19	4.6
96-18-4	1,2,3-Trichloropropane	ND		19	5.4
95-49-8	2-Chlorotoluene	ND		19	4.6
108-67-8	1,3,5-Trimethylbenzene	ND		19	4.6
106-43-4	4-Chlorotoluene	ND		19	6.0
98-06-6	tert-Butylbenzene	ND		19	4.6
95-63-6	1,2,4-Trimethylbenzene	ND		19	4.6
135-98-8	sec-Butylbenzene	ND		19	4.6
541-73-1	1,3-Dichlorobenzene	ND		19	4.6
99-87-6	4-Isopropyltoluene	ND		19	4.6
106-46-7	1,4-Dichlorobenzene	ND		19	4.6
104-51-8	n-Butylbenzene	ND		19	4.6
95-50-1	1,2-Dichlorobenzene	ND		19	4.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		93	31
120-82-1	1,2,4-Trichlorobenzene	ND		19	4.6
87-61-6	1,2,3-Trichlorobenzene	ND		19	4.6
87-68-3	Hexachlorobutadiene	ND		19	4.6
91-20-3	Naphthalene	ND		19	4.6
1634-04-4	Methyl tert-butyl ether	ND		19	4.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(7-8) | Lab Sample ID: 580-24938-35

Matrix: Solid | Lab File ID: VB00134528.D

Analysis Method: 8260B | Date Collected: 03/11/2011 14:30

Sample wt/vol: 20.66(g) | Date Analyzed: 03/13/2011 18:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.0 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		25	6.3
74-87-3	Chloromethane	ND		250	63
75-01-4	Vinyl chloride	ND		5.0	1.3
74-83-9	Bromomethane	ND		88	22
75-00-3	Chloroethane	ND		250	63
75-69-4	Trichlorofluoromethane	ND		25	6.3
75-35-4	1,1-Dichloroethene	ND		13	3.1
75-09-2	Methylene Chloride	ND		25	6.3
156-60-5	trans-1,2-Dichloroethene	ND		25	6.3
75-34-3	1,1-Dichloroethane	ND		25	6.3
594-20-7	2,2-Dichloropropane	ND		25	6.3
156-59-2	cis-1,2-Dichloroethene	ND		25	6.3
74-97-5	Chlorobromomethane	ND		25	7.5
67-66-3	Chloroform	ND		25	6.3
71-55-6	1,1,1-Trichloroethane	ND		25	6.3
56-23-5	Carbon tetrachloride	ND		13	3.1
563-58-6	1,1-Dichloropropene	ND		25	6.3
71-43-2	Benzene	ND		10	2.5
107-06-2	1,2-Dichloroethane	ND		25	6.3
79-01-6	Trichloroethene	ND		10	2.5
78-87-5	1,2-Dichloropropane	ND		7.5	2.4
74-95-3	Dibromomethane	ND		25	6.3
75-27-4	Dichlorobromomethane	ND		25	6.3
10061-01-5	cis-1,3-Dichloropropene	ND		10	2.5
108-88-3	Toluene	ND		25	6.3
10061-02-6	trans-1,3-Dichloropropene	ND		10	2.5
79-00-5	1,1,2-Trichloroethane	ND		7.5	1.9
127-18-4	Tetrachloroethene	ND		13	3.1
142-28-9	1,3-Dichloropropane	ND		25	6.3
124-48-1	Chlorodibromomethane	ND		25	6.3
106-93-4	Ethylene Dibromide	ND		25	6.3
108-90-7	Chlorobenzene	ND	*	25	6.3
100-41-4	Ethylbenzene	ND		25	6.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	6.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.3	2.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(7-8) | Lab Sample ID: 580-24938-35

Matrix: Solid | Lab File ID: VB00134528.D

Analysis Method: 8260B | Date Collected: 03/11/2011 14:30

Sample wt/vol: 20.66(g) | Date Analyzed: 03/13/2011 18:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 22.0 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		25	6.3
95-47-6	o-Xylene	ND		25	6.3
100-42-5	Styrene	ND		25	6.3
75-25-2	Bromoform	ND		25	6.9
98-82-8	Isopropylbenzene	ND		25	6.3
108-86-1	Bromobenzene	ND		25	6.3
103-65-1	N-Propylbenzene	ND		25	6.3
96-18-4	1,2,3-Trichloropropane	ND		25	7.3
95-49-8	2-Chlorotoluene	ND		25	6.3
108-67-8	1,3,5-Trimethylbenzene	ND		25	6.3
106-43-4	4-Chlorotoluene	ND		25	8.2
98-06-6	tert-Butylbenzene	ND		25	6.3
95-63-6	1,2,4-Trimethylbenzene	ND		25	6.3
135-98-8	sec-Butylbenzene	ND		25	6.3
541-73-1	1,3-Dichlorobenzene	ND		25	6.3
99-87-6	4-Isopropyltoluene	ND		25	6.3
106-46-7	1,4-Dichlorobenzene	ND		25	6.3
104-51-8	n-Butylbenzene	ND		25	6.3
95-50-1	1,2-Dichlorobenzene	ND		25	6.3
96-12-8	1,2-Dibromo-3-Chloropropane	ND		130	41
120-82-1	1,2,4-Trichlorobenzene	ND		25	6.3
87-61-6	1,2,3-Trichlorobenzene	ND		25	6.3
87-68-3	Hexachlorobutadiene	ND		25	6.3
91-20-3	Naphthalene	ND		25	6.3
1634-04-4	Methyl tert-butyl ether	ND		25	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(0-1) | Lab Sample ID: 580-24938-36

Matrix: Solid | Lab File ID: VB00134529.D

Analysis Method: 8260B | Date Collected: 03/11/2011 17:30

Sample wt/vol: 30.16(g) | Date Analyzed: 03/13/2011 19:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 2.9 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		14	3.4
74-87-3	Chloromethane	ND		140	34
75-01-4	Vinyl chloride	ND		2.7	0.68
74-83-9	Bromomethane	ND		48	12
75-00-3	Chloroethane	ND		140	34
75-69-4	Trichlorofluoromethane	ND		14	3.4
75-35-4	1,1-Dichloroethene	ND		6.8	1.7
75-09-2	Methylene Chloride	41		14	3.4
156-60-5	trans-1,2-Dichloroethene	6.3	J	14	3.4
75-34-3	1,1-Dichloroethane	ND		14	3.4
594-20-7	2,2-Dichloropropane	ND		14	3.4
156-59-2	cis-1,2-Dichloroethene	ND		14	3.4
74-97-5	Chlorobromomethane	ND		14	4.1
67-66-3	Chloroform	ND		14	3.4
71-55-6	1,1,1-Trichloroethane	ND		14	3.4
56-23-5	Carbon tetrachloride	ND		6.8	1.7
563-58-6	1,1-Dichloropropene	ND		14	3.4
71-43-2	Benzene	ND		5.5	1.4
107-06-2	1,2-Dichloroethane	ND		14	3.4
79-01-6	Trichloroethene	11		5.5	1.4
78-87-5	1,2-Dichloropropane	ND		4.1	1.3
74-95-3	Dibromomethane	ND		14	3.4
75-27-4	Dichlorobromomethane	ND		14	3.4
10061-01-5	cis-1,3-Dichloropropene	ND		5.5	1.4
108-88-3	Toluene	ND		14	3.4
10061-02-6	trans-1,3-Dichloropropene	ND		5.5	1.4
79-00-5	1,1,2-Trichloroethane	ND		4.1	1.0
127-18-4	Tetrachloroethene	ND		6.8	1.7
142-28-9	1,3-Dichloropropane	ND		14	3.4
124-48-1	Chlorodibromomethane	ND		14	3.4
106-93-4	Ethylene Dibromide	ND		14	3.4
108-90-7	Chlorobenzene	ND	*	14	3.4
100-41-4	Ethylbenzene	ND		14	3.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		14	3.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		3.4	1.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(0-1) | Lab Sample ID: 580-24938-36

Matrix: Solid | Lab File ID: VB00134529.D

Analysis Method: 8260B | Date Collected: 03/11/2011 17:30

Sample wt/vol: 30.16(g) | Date Analyzed: 03/13/2011 19:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 2.9 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		14	3.4
95-47-6	o-Xylene	ND		14	3.4
100-42-5	Styrene	ND		14	3.4
75-25-2	Bromoform	ND		14	3.8
98-82-8	Isopropylbenzene	ND		14	3.4
108-86-1	Bromobenzene	ND		14	3.4
103-65-1	N-Propylbenzene	ND		14	3.4
96-18-4	1,2,3-Trichloropropane	ND		14	4.0
95-49-8	2-Chlorotoluene	ND		14	3.4
108-67-8	1,3,5-Trimethylbenzene	ND		14	3.4
106-43-4	4-Chlorotoluene	ND		14	4.5
98-06-6	tert-Butylbenzene	ND		14	3.4
95-63-6	1,2,4-Trimethylbenzene	ND		14	3.4
135-98-8	sec-Butylbenzene	ND		14	3.4
541-73-1	1,3-Dichlorobenzene	ND		14	3.4
99-87-6	4-Isopropyltoluene	ND		14	3.4
106-46-7	1,4-Dichlorobenzene	ND		14	3.4
104-51-8	n-Butylbenzene	ND		14	3.4
95-50-1	1,2-Dichlorobenzene	ND		14	3.4
96-12-8	1,2-Dibromo-3-Chloropropane	ND		68	23
120-82-1	1,2,4-Trichlorobenzene	ND		14	3.4
87-61-6	1,2,3-Trichlorobenzene	ND		14	3.4
87-68-3	Hexachlorobutadiene	ND		14	3.4
91-20-3	Naphthalene	ND		14	3.4
1634-04-4	Methyl tert-butyl ether	ND		14	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	124		75-125
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(3-4) | Lab Sample ID: 580-24938-37

Matrix: Solid | Lab File ID: VB00134530.D

Analysis Method: 8260B | Date Collected: 03/11/2011 17:50

Sample wt/vol: 14.05(g) | Date Analyzed: 03/13/2011 19:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 7.0 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		31	7.7
74-87-3	Chloromethane	ND		310	77
75-01-4	Vinyl chloride	ND		6.1	1.5
74-83-9	Bromomethane	ND		110	27
75-00-3	Chloroethane	ND		310	77
75-69-4	Trichlorofluoromethane	ND		31	7.7
75-35-4	1,1-Dichloroethene	ND		15	3.8
75-09-2	Methylene Chloride	46		31	7.7
156-60-5	trans-1,2-Dichloroethene	8.0	J	31	7.7
75-34-3	1,1-Dichloroethane	ND		31	7.7
594-20-7	2,2-Dichloropropane	ND		31	7.7
156-59-2	cis-1,2-Dichloroethene	ND		31	7.7
74-97-5	Chlorobromomethane	ND		31	9.2
67-66-3	Chloroform	ND		31	7.7
71-55-6	1,1,1-Trichloroethane	ND		31	7.7
56-23-5	Carbon tetrachloride	ND		15	3.8
563-58-6	1,1-Dichloropropene	ND		31	7.7
71-43-2	Benzene	ND		12	3.1
107-06-2	1,2-Dichloroethane	ND		31	7.7
79-01-6	Trichloroethene	16		12	3.1
78-87-5	1,2-Dichloropropane	ND		9.2	3.0
74-95-3	Dibromomethane	ND		31	7.7
75-27-4	Dichlorobromomethane	ND		31	7.7
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.1
108-88-3	Toluene	ND		31	7.7
10061-02-6	trans-1,3-Dichloropropene	ND		12	3.1
79-00-5	1,1,2-Trichloroethane	ND		9.2	2.3
127-18-4	Tetrachloroethene	ND		15	3.8
142-28-9	1,3-Dichloropropane	ND		31	7.7
124-48-1	Chlorodibromomethane	ND		31	7.7
106-93-4	Ethylene Dibromide	ND		31	7.7
108-90-7	Chlorobenzene	ND	*	31	7.7
100-41-4	Ethylbenzene	ND		31	7.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		31	7.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.7	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(3-4) | Lab Sample ID: 580-24938-37

Matrix: Solid | Lab File ID: VB00134530.D

Analysis Method: 8260B | Date Collected: 03/11/2011 17:50

Sample wt/vol: 14.05(g) | Date Analyzed: 03/13/2011 19:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 7.0 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		31	7.7
95-47-6	o-Xylene	ND		31	7.7
100-42-5	Styrene	ND		31	7.7
75-25-2	Bromoform	ND		31	8.4
98-82-8	Isopropylbenzene	ND		31	7.7
108-86-1	Bromobenzene	ND		31	7.7
103-65-1	N-Propylbenzene	ND		31	7.7
96-18-4	1,2,3-Trichloropropane	ND		31	8.9
95-49-8	2-Chlorotoluene	ND		31	7.7
108-67-8	1,3,5-Trimethylbenzene	ND		31	7.7
106-43-4	4-Chlorotoluene	ND		31	10
98-06-6	tert-Butylbenzene	ND		31	7.7
95-63-6	1,2,4-Trimethylbenzene	ND		31	7.7
135-98-8	sec-Butylbenzene	ND		31	7.7
541-73-1	1,3-Dichlorobenzene	ND		31	7.7
99-87-6	4-Isopropyltoluene	ND		31	7.7
106-46-7	1,4-Dichlorobenzene	ND		31	7.7
104-51-8	n-Butylbenzene	ND		31	7.7
95-50-1	1,2-Dichlorobenzene	ND		31	7.7
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	51
120-82-1	1,2,4-Trichlorobenzene	ND		31	7.7
87-61-6	1,2,3-Trichlorobenzene	ND		31	7.7
87-68-3	Hexachlorobutadiene	ND		31	7.7
91-20-3	Naphthalene	ND		31	7.7
1634-04-4	Methyl tert-butyl ether	ND		31	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	87		85-115
25837-05-2	Ethylbenzene-d10	123		75-125
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB12(0-1) | Lab Sample ID: 580-24938-38

Matrix: Solid | Lab File ID: VB00134531.D

Analysis Method: 8260B | Date Collected: 03/11/2011 17:55

Sample wt/vol: 15.94(g) | Date Analyzed: 03/13/2011 19:51

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 7.1 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		27	6.8
74-87-3	Chloromethane	ND		270	68
75-01-4	Vinyl chloride	ND		5.4	1.4
74-83-9	Bromomethane	ND		95	24
75-00-3	Chloroethane	ND		270	68
75-69-4	Trichlorofluoromethane	ND		27	6.8
75-35-4	1,1-Dichloroethene	ND		14	3.4
75-09-2	Methylene Chloride	ND		27	6.8
156-60-5	trans-1,2-Dichloroethene	ND		27	6.8
75-34-3	1,1-Dichloroethane	ND		27	6.8
594-20-7	2,2-Dichloropropane	ND		27	6.8
156-59-2	cis-1,2-Dichloroethene	ND		27	6.8
74-97-5	Chlorobromomethane	ND		27	8.1
67-66-3	Chloroform	ND		27	6.8
71-55-6	1,1,1-Trichloroethane	ND		27	6.8
56-23-5	Carbon tetrachloride	ND		14	3.4
563-58-6	1,1-Dichloropropene	ND		27	6.8
71-43-2	Benzene	ND		11	2.7
107-06-2	1,2-Dichloroethane	ND		27	6.8
79-01-6	Trichloroethene	2.7	J	11	2.7
78-87-5	1,2-Dichloropropane	ND		8.1	2.6
74-95-3	Dibromomethane	ND		27	6.8
75-27-4	Dichlorobromomethane	ND		27	6.8
10061-01-5	cis-1,3-Dichloropropene	ND		11	2.7
108-88-3	Toluene	ND		27	6.8
10061-02-6	trans-1,3-Dichloropropene	ND		11	2.7
79-00-5	1,1,2-Trichloroethane	ND		8.1	2.0
127-18-4	Tetrachloroethene	8.5	J B	14	3.4
142-28-9	1,3-Dichloropropane	ND		27	6.8
124-48-1	Chlorodibromomethane	ND		27	6.8
106-93-4	Ethylene Dibromide	ND		27	6.8
108-90-7	Chlorobenzene	ND	*	27	6.8
100-41-4	Ethylbenzene	ND		27	6.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		27	6.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.8	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB12(0-1) | Lab Sample ID: 580-24938-38

Matrix: Solid | Lab File ID: VB00134531.D

Analysis Method: 8260B | Date Collected: 03/11/2011 17:55

Sample wt/vol: 15.94(g) | Date Analyzed: 03/13/2011 19:51

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 7.1 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		27	6.8
95-47-6	o-Xylene	ND		27	6.8
100-42-5	Styrene	ND		27	6.8
75-25-2	Bromoform	ND		27	7.5
98-82-8	Isopropylbenzene	ND		27	6.8
108-86-1	Bromobenzene	ND		27	6.8
103-65-1	N-Propylbenzene	ND		27	6.8
96-18-4	1,2,3-Trichloropropane	ND		27	7.9
95-49-8	2-Chlorotoluene	ND		27	6.8
108-67-8	1,3,5-Trimethylbenzene	ND		27	6.8
106-43-4	4-Chlorotoluene	ND		27	8.8
98-06-6	tert-Butylbenzene	ND		27	6.8
95-63-6	1,2,4-Trimethylbenzene	ND		27	6.8
135-98-8	sec-Butylbenzene	ND		27	6.8
541-73-1	1,3-Dichlorobenzene	ND		27	6.8
99-87-6	4-Isopropyltoluene	ND		27	6.8
106-46-7	1,4-Dichlorobenzene	ND		27	6.8
104-51-8	n-Butylbenzene	ND		27	6.8
95-50-1	1,2-Dichlorobenzene	ND		27	6.8
96-12-8	1,2-Dibromo-3-Chloropropane	ND		140	45
120-82-1	1,2,4-Trichlorobenzene	ND		27	6.8
87-61-6	1,2,3-Trichlorobenzene	ND		27	6.8
87-68-3	Hexachlorobutadiene	ND		27	6.8
91-20-3	Naphthalene	ND		27	6.8
1634-04-4	Methyl tert-butyl ether	ND		27	6.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	88		85-115
25837-05-2	Ethylbenzene-d10	124		75-125
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB10(0-1) | Lab Sample ID: 580-24938-39

Matrix: Solid | Lab File ID: VB00134532.D

Analysis Method: 8260B | Date Collected: 03/11/2011 18:17

Sample wt/vol: 26.90(g) | Date Analyzed: 03/13/2011 20:14

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 3.0 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		15	3.8
74-87-3	Chloromethane	ND		150	38
75-01-4	Vinyl chloride	ND		3.1	0.77
74-83-9	Bromomethane	ND		54	13
75-00-3	Chloroethane	ND		150	38
75-69-4	Trichlorofluoromethane	ND		15	3.8
75-35-4	1,1-Dichloroethene	ND		7.7	1.9
75-09-2	Methylene Chloride	ND		15	3.8
156-60-5	trans-1,2-Dichloroethene	ND		15	3.8
75-34-3	1,1-Dichloroethane	ND		15	3.8
594-20-7	2,2-Dichloropropane	ND		15	3.8
156-59-2	cis-1,2-Dichloroethene	ND		15	3.8
74-97-5	Chlorobromomethane	ND		15	4.6
67-66-3	Chloroform	ND		15	3.8
71-55-6	1,1,1-Trichloroethane	ND		15	3.8
56-23-5	Carbon tetrachloride	ND		7.7	1.9
563-58-6	1,1-Dichloropropene	ND		15	3.8
71-43-2	Benzene	ND		6.1	1.5
107-06-2	1,2-Dichloroethane	ND		15	3.8
79-01-6	Trichloroethene	8.1		6.1	1.5
78-87-5	1,2-Dichloropropane	ND		4.6	1.5
74-95-3	Dibromomethane	ND		15	3.8
75-27-4	Dichlorobromomethane	ND		15	3.8
10061-01-5	cis-1,3-Dichloropropene	ND		6.1	1.5
108-88-3	Toluene	ND		15	3.8
10061-02-6	trans-1,3-Dichloropropene	ND		6.1	1.5
79-00-5	1,1,2-Trichloroethane	ND		4.6	1.2
127-18-4	Tetrachloroethene	ND		7.7	1.9
142-28-9	1,3-Dichloropropane	ND		15	3.8
124-48-1	Chlorodibromomethane	ND		15	3.8
106-93-4	Ethylene Dibromide	ND		15	3.8
108-90-7	Chlorobenzene	ND	*	15	3.8
100-41-4	Ethylbenzene	ND		15	3.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		15	3.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		3.8	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB10(0-1) | Lab Sample ID: 580-24938-39

Matrix: Solid | Lab File ID: VB00134532.D

Analysis Method: 8260B | Date Collected: 03/11/2011 18:17

Sample wt/vol: 26.90(g) | Date Analyzed: 03/13/2011 20:14

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 3.0 | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		15	3.8
95-47-6	o-Xylene	ND		15	3.8
100-42-5	Styrene	ND		15	3.8
75-25-2	Bromoform	ND		15	4.2
98-82-8	Isopropylbenzene	ND		15	3.8
108-86-1	Bromobenzene	ND		15	3.8
103-65-1	N-Propylbenzene	ND		15	3.8
96-18-4	1,2,3-Trichloropropane	ND		15	4.5
95-49-8	2-Chlorotoluene	ND		15	3.8
108-67-8	1,3,5-Trimethylbenzene	ND		15	3.8
106-43-4	4-Chlorotoluene	ND		15	5.0
98-06-6	tert-Butylbenzene	ND		15	3.8
95-63-6	1,2,4-Trimethylbenzene	ND		15	3.8
135-98-8	sec-Butylbenzene	ND		15	3.8
541-73-1	1,3-Dichlorobenzene	ND		15	3.8
99-87-6	4-Isopropyltoluene	ND		15	3.8
106-46-7	1,4-Dichlorobenzene	ND		15	3.8
104-51-8	n-Butylbenzene	ND		15	3.8
95-50-1	1,2-Dichlorobenzene	ND		15	3.8
96-12-8	1,2-Dibromo-3-Chloropropane	ND		77	25
120-82-1	1,2,4-Trichlorobenzene	ND		15	3.8
87-61-6	1,2,3-Trichlorobenzene	ND		15	3.8
87-68-3	Hexachlorobutadiene	ND		15	3.8
91-20-3	Naphthalene	ND		15	3.8
1634-04-4	Methyl tert-butyl ether	ND		15	3.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	142	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	115		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-Methanol Blank | Lab Sample ID: 580-24938-40

Matrix: Solid | Lab File ID: VB00134514.D

Analysis Method: 8260B | Date Collected: 03/11/2011 06:30

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:35

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		40	10
74-87-3	Chloromethane	ND		400	100
75-01-4	Vinyl chloride	ND		8.0	2.0
74-83-9	Bromomethane	ND		140	35
75-00-3	Chloroethane	ND		400	100
75-69-4	Trichlorofluoromethane	ND		40	10
75-35-4	1,1-Dichloroethene	ND		20	5.0
75-09-2	Methylene Chloride	ND		40	10
156-60-5	trans-1,2-Dichloroethene	ND		40	10
75-34-3	1,1-Dichloroethane	ND		40	10
594-20-7	2,2-Dichloropropane	ND		40	10
156-59-2	cis-1,2-Dichloroethene	ND		40	10
74-97-5	Chlorobromomethane	ND		40	12
67-66-3	Chloroform	ND		40	10
71-55-6	1,1,1-Trichloroethane	ND		40	10
56-23-5	Carbon tetrachloride	ND		20	5.0
563-58-6	1,1-Dichloropropene	ND		40	10
71-43-2	Benzene	ND		16	4.0
107-06-2	1,2-Dichloroethane	ND		40	10
79-01-6	Trichloroethene	ND		16	4.0
78-87-5	1,2-Dichloropropane	ND		12	3.9
74-95-3	Dibromomethane	ND		40	10
75-27-4	Dichlorobromomethane	ND		40	10
10061-01-5	cis-1,3-Dichloropropene	ND		16	4.0
108-88-3	Toluene	ND		40	10
10061-02-6	trans-1,3-Dichloropropene	ND		16	4.0
79-00-5	1,1,2-Trichloroethane	ND		12	3.0
127-18-4	Tetrachloroethene	ND		20	5.0
142-28-9	1,3-Dichloropropane	ND		40	10
124-48-1	Chlorodibromomethane	ND		40	10
106-93-4	Ethylene Dibromide	ND		40	10
108-90-7	Chlorobenzene	ND	*	40	10
100-41-4	Ethylbenzene	ND		40	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		40	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-Methanol Blank | Lab Sample ID: 580-24938-40

Matrix: Solid | Lab File ID: VB00134514.D

Analysis Method: 8260B | Date Collected: 03/11/2011 06:30

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 13:35

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		40	10
95-47-6	o-Xylene	ND		40	10
100-42-5	Styrene	ND		40	10
75-25-2	Bromoform	ND		40	11
98-82-8	Isopropylbenzene	ND		40	10
108-86-1	Bromobenzene	ND		40	10
103-65-1	N-Propylbenzene	ND		40	10
96-18-4	1,2,3-Trichloropropane	ND		40	12
95-49-8	2-Chlorotoluene	ND		40	10
108-67-8	1,3,5-Trimethylbenzene	ND		40	10
106-43-4	4-Chlorotoluene	ND		40	13
98-06-6	tert-Butylbenzene	ND		40	10
95-63-6	1,2,4-Trimethylbenzene	ND		40	10
135-98-8	sec-Butylbenzene	ND		40	10
541-73-1	1,3-Dichlorobenzene	ND		40	10
99-87-6	4-Isopropyltoluene	ND		40	10
106-46-7	1,4-Dichlorobenzene	ND		40	10
104-51-8	n-Butylbenzene	ND		40	10
95-50-1	1,2-Dichlorobenzene	ND		40	10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	66
120-82-1	1,2,4-Trichlorobenzene	ND		40	10
87-61-6	1,2,3-Trichlorobenzene	ND		40	10
87-68-3	Hexachlorobutadiene	ND		40	10
91-20-3	Naphthalene	ND		40	10
1634-04-4	Methyl tert-butyl ether	ND		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	99		75-125
2037-26-5	Toluene-d8 (Surr)	89		85-115
25837-05-2	Ethylbenzene-d10	120		75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 580-82074/3	VB00134397.D
Level 2	STD1 580-82074/4	VB00134399.D
Level 3	STD2 580-82074/5	VB00134401.D
Level 4	STD5 580-82074/6	VB00134403.D
Level 5	STD10 580-82074/7	VB00134405.D
Level 6	STD20 580-82074/8	VB00134407.D
Level 7	STD50 580-82074/9	VB00134409.D
Level 8	STD100 580-82074/10	VB00134411.D
Level 9	STD150 580-82074/11	VB00134413.D
Level 10	STD200 580-82074/12	VB00134415.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Dichlorodifluoromethane	0.5428 0.7185	0.5867 0.5306	0.5461 0.5315	0.4586 0.5630	0.5487 0.5416	Ave		0.5568				12.0		15.0			
Bromomethane	+++++ 0.0267	+++++ 0.0296	0.0246 0.0433	0.0171 0.0576	0.0151 +++++	Qua2	0.0166	0.0146	0.0003						0.9920		0.9900
Chloromethane	+++++ 0.2014	+++++ 0.1597	0.2110 0.1818	0.1872 0.2264	0.1837 +++++	Qua1	0.2224	0.1394	0.0005		0.1000				0.9940		0.9900
Chloroethane	+++++ 0.0473	+++++ 0.0315	0.0435 0.0298	0.0346 0.0302	0.0359 0.0276	Qua1	0.0190	0.0358	0						0.9910		0.9900
Vinyl chloride	0.5200 0.6277	0.4959 0.4847	0.4928 0.4941	0.4327 0.5201	0.4764 0.4669	Ave		0.5011				10.0		15.0			
Trichlorofluoromethane	1.1754 1.2979	1.0624 0.9757	1.0877 0.8703	0.9422 0.8544	1.0974 0.7694	Qua2	0.0140	1.0930	-0.002						0.9900		0.9900
Ethyl ether	0.4059 0.4173	0.3262 0.3642	0.3722 0.3563	0.3597 0.3019	0.3771 0.3125	Ave		0.3593				10.0		15.0			
Iodomethane	+++++ 0.2119	0.0276 0.2477	0.0466 0.3237	0.0568 +++++	0.0855 +++++	Qua1	-1.093	0.1544	0.0003						0.9930		0.9900
Acrolein	0.0397 0.0492	0.0344 0.0450	0.0427 0.0484	0.0421 0.0421	0.0425 0.0407	Ave		0.0427				9.9		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4710 0.5217	0.4242 0.4328	0.4398 0.4453	0.3620 0.3986	0.4605 0.3971	Ave		0.4353				10.0		15.0			
1,1-Dichloroethene	0.5935 0.5604	0.4527 0.4571	0.4604 0.4543	0.4046 0.3918	0.4825 0.3715	Ave		0.4629				15.0		15.0			
Acetone	0.2164 0.0613	0.0663 0.0554	0.0657 0.0570	0.0628 0.0462	0.0607 0.0486	Lin1	0.1710	0.0505							0.9920		0.9900
Carbon disulfide	3.5037 1.4036	1.3485 1.1975	1.3533 1.2290	1.0802 1.1373	1.2416 1.1666	Lin1	0.4210	1.1764							0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
t-Butyl alcohol	+++++ 0.0094	0.0084 0.0082	0.0088 0.0088	0.0090 0.0076	0.0083 0.0083	Ave		0.0085				6.1		15.0			
Acetonitrile	0.0814 0.0923	0.0772 0.0776	0.0787 0.0758	0.0737 0.0692	0.0796 0.0650	Ave		0.0771				9.5		15.0			
Methyl acetate	0.0686 0.0638	0.0510 0.0517	0.0492 0.0505	0.0625 0.0451	0.0640 0.0508	Ave		0.0557				15.0		15.0			
Methylene Chloride	0.9842 0.4906	0.4975 0.3806	0.4176 0.3714	0.3897 0.3719	0.4074 0.3695	Lin2	0.1185	0.3862							0.9900		0.9900
Methyl tert-butyl ether	1.1048 1.2233	0.8924 1.0417	1.0007 1.0914	1.0363 1.0144	1.0657 1.0343	Ave		1.0505				8.0		15.0			
trans-1,2-Dichloroethene	0.5409 0.5848	0.4906 0.4722	0.4959 0.4798	0.4214 0.4690	0.4867 0.4690	Ave		0.4910				9.0		15.0			
Acrylonitrile	0.0826 0.0746	0.0566 0.0650	0.0653 0.0669	0.0687 0.0593	0.0661 0.0624	Ave		0.0668				11.0		15.0			
Hexane	0.6304 0.4912	0.3821 0.4000	0.3923 0.4087	0.3132 0.4019	0.3962 0.4140	Lin1	0.0196	0.4095							0.9980		0.9900
1,1-Dichloroethane	0.9178 0.9464	0.7715 0.7752	0.7921 0.7845	0.7129 0.7568	0.7996 0.7686	Ave		0.8025			0.1000	9.0		15.0			
Diisopropyl ether	1.2835 1.3849	1.0188 1.1379	1.1228 1.1467	1.0841 1.1230	1.1286 1.1075	Ave		1.1538				9.1		15.0			
Vinyl acetate	0.0487 0.0620	0.0472 0.0608	0.0662 0.0646	0.0553 +++++	0.0513 +++++	Qua1	-0.011	0.0572	0						0.9990		0.9900
Ethyl t-butyl ether	0.5484 0.5657	0.3794 0.4745	0.4350 0.4882	0.4305 0.4818	0.4634 0.4862	Ave		0.4753				11.0		15.0			
Cyclohexane	+++++ 0.7910	0.7984 0.6314	0.9720 0.6409	0.6581 0.6196	0.7002 0.6264	Lin1	0.4045	0.6303							0.9970		0.9900
2,2-Dichloropropane	0.8040 0.7957	0.6474 0.6657	0.6635 0.6884	0.5586 0.6704	0.6613 0.6656	Ave		0.6821				10.0		15.0			
cis-1,2-Dichloroethene	0.5664 0.5374	0.4220 0.4567	0.4574 0.4752	0.4243 0.4395	0.4593 0.4505	Ave		0.4689				10.0		15.0			
2-Butanone	+++++ 0.0059	0.0054 0.0051	0.0060 0.0054	0.0063 0.0044	0.0056 0.0046	Ave		0.0054				11.0		15.0			
Ethyl acetate	0.0284 0.0225	0.0185 0.0203	0.0234 0.0222	0.0216 0.0197	0.0214 0.0195	Ave		0.0218				13.0		15.0			
Isobutanol	+++++ 0.0029	0.0028 0.0027	0.0032 0.0030	0.0028 0.0028	0.0028 0.0030	Ave		0.0029				5.7		15.0			
Methacrylonitrile	0.0868 0.0860	0.0656 0.0759	0.0741 0.0782	0.0755 0.0665	0.0748 0.0700	Ave		0.0754				9.5		15.0			
Chlorobromomethane	0.2753 0.2574	0.2366 0.2035	0.2410 0.1965	0.2236 0.1724	0.2281 0.1717	Qua2	0.0081	0.2341	0						0.9960		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Tetrahydrofuran	0.0280 0.0215	0.0166 0.0194	0.0192 0.0212	0.0192 0.0166	0.0197 0.0181	Lin1	0.0103	0.0185							0.9920		0.9900
Chloroform	0.8501 0.8715	0.7004 0.7334	0.7502 0.7472	0.7103 0.6855	0.7455 0.6965	Ave		0.7491				8.5		15.0			
1,1,1-Trichloroethane	0.7437 0.8557	0.6631 0.7067	0.6887 0.7263	0.6195 0.6936	0.7056 0.6898	Ave		0.7093				8.7		15.0			
1,1-Dichloropropene	0.8230 0.7169	0.5453 0.5845	0.5571 0.6011	0.4969 0.5791	0.5824 0.5876	Ave		0.6074				15.0		15.0			
Carbon tetrachloride	0.7884 0.7220	0.5832 0.6020	0.5842 0.6229	0.4879 0.5938	0.5887 0.6022	Ave		0.6175				13.0		15.0			
n-Butyl alcohol	+++++ 0.0013	0.0009 0.0014	0.0017 0.0016	0.0014 0.0015	0.0013 0.0016	Lin1	-0.007	0.0016							0.9960		0.9900
Benzene	1.9791 1.8533	1.5122 1.4932	1.5757 1.5219	1.3912 1.4668	1.5430 1.4756	Ave		1.5812				12.0		15.0			
1,2-Dichloroethane	0.6375 0.5812	0.4753 0.4940	0.5249 0.5046	0.5107 0.4488	0.5094 0.4540	Ave		0.5141				11.0		15.0			
Tert-amyl methyl ether	0.8134 0.9520	0.6889 0.8241	0.7088 0.8603	0.7472 0.8234	0.7638 0.8469	Ave		0.8029				9.7		15.0			
Trichloroethene	0.3636 0.3815	0.3073 0.3054	0.3113 0.3097	0.2836 0.3017	0.3135 0.3056	Ave		0.3183				9.4		15.0			
Methylcyclohexane	0.3928 0.4686	0.3095 0.3866	0.3277 0.3927	0.2652 0.3909	0.3579 0.4008	Ave		0.3693				15.0		15.0			
1,2-Dichloropropane	0.3066 0.3042	0.2574 0.2467	0.2516 0.2492	0.2179 0.2423	0.2375 0.2484	Ave		0.2562				11.0		15.0			
Dibromomethane	0.1710 0.1832	0.1294 0.1521	0.1517 0.1585	0.1553 0.1373	0.1553 0.1409	Ave		0.1535				10.0		15.0			
Dichlorobromomethane	0.3877 0.3545	0.2581 0.2899	0.2704 0.2979	0.2779 0.2838	0.2735 0.2887	Ave		0.2982				14.0		15.0			
2-Chloroethyl vinyl ether	0.0693 0.1097	0.0592 0.0938	0.0575 0.0982	0.0773 0.0937	0.0854 0.0964	Lin1	-0.087	0.0959							0.9980		0.9900
cis-1,3-Dichloropropene	0.2928 0.3846	0.2412 0.3231	0.2700 0.3368	0.2712 0.3287	0.2905 0.3361	Ave		0.3075				14.0		15.0			
2-Hexanone	+++++ 0.0262	0.0131 0.0241	0.0161 0.0264	0.0163 0.0256	0.0181 0.0265	Lin1	-0.111	0.0260							0.9980		0.9900
4-Methyl-2-pentanone	0.0237 0.0333	0.0207 0.0294	0.0190 0.0321	0.0241 0.0311	0.0259 0.0320	Lin1	-0.031	0.0314							0.9980		0.9900
Toluene	1.1592 1.2302	0.9205 0.9755	0.9398 0.9976	0.8496 0.9669	0.9568 0.9904	Ave		0.9986				11.0		15.0			
Ethylene Dibromide	+++++ 0.1304	0.1011 0.1116	0.1069 0.1145	0.1083 0.1114	0.1041 0.1145	Ave		0.1114				7.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
trans-1,3-Dichloropropene	0.2251 0.2531	0.1740 0.2169	0.1799 0.2318	0.1749 0.2245	0.1922 0.2329	Ave		0.2105				13.0		15.0			
1,1,2-Trichloroethane	0.1488 0.1402	0.1187 0.1166	0.1218 0.1185	0.1179 0.1145	0.1120 0.1153	Ave		0.1224				9.9		15.0			
Tetrachloroethene	+++++ 0.3002	0.2299 0.2184	0.2275 0.2211	0.1943 0.2123	0.2707 +++++	Qua1	-0.037	0.2563	0						0.9930		0.9900
1,3-Dichloropropane	0.2361 0.2598	0.2040 0.2142	0.2136 0.2212	0.2023 0.2139	0.2134 0.2185	Ave		0.2197				7.7		15.0			
Chlorodibromomethane	0.1479 0.1351	0.0933 0.1151	0.0958 0.1222	0.0986 0.1197	0.1043 0.1244	Ave		0.1156				15.0		15.0			
Bromoform	+++++ 0.2858	0.1908 0.2463	0.2206 0.2703	0.2009 0.2607	0.2182 0.2872	Ave		0.2423			0.1000	15.0		15.0			
Chlorobenzene	+++++ 2.6538	3.3142 2.0447	2.8416 1.9902	2.2404 +++++	2.1013 +++++	Qua1	0.8851	2.3094	-0.003		0.3000				0.9940		0.9900
1,1,1,2-Tetrachloroethane	+++++ 0.8361	0.6385 0.6552	0.6824 0.6652	0.6229 0.6336	0.6223 0.6560	Ave		0.6680				9.9		15.0			
Ethylbenzene	4.8290 4.7402	3.6183 3.7224	3.7939 3.7825	3.3115 3.5956	3.4993 3.6902	Ave		3.8583				13.0		15.0			
m-Xylene & p-Xylene	3.3088 3.4703	2.4205 2.7403	2.5934 2.7436	2.3734 2.5833	2.5602 2.7269	Ave		2.7521				13.0		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1449	0.0934 0.1285	0.1015 0.1357	0.1097 0.1274	0.1123 0.1329	Ave		0.1207				14.0		15.0			
2-Chlorotoluene	+++++ 0.7391	0.5514 0.5699	0.5825 0.5847	0.4927 0.5787	0.5428 0.5908	Ave		0.5814				11.0		15.0			
1,3,5-Trimethylbenzene	+++++ 2.4790	1.3401 1.9600	1.4835 1.9623	1.4707 1.9413	1.6754 1.9872	Lin	0.0561	1.9709							0.9990		0.9900
4-Chlorotoluene	+++++ 0.7681	0.5217 0.5981	0.5628 0.6061	0.5353 0.5900	0.5552 0.6059	Ave		0.5937				12.0		15.0			
o-Xylene	+++++ 3.0693	2.1760 2.4683	2.1480 2.5044	1.9811 2.4050	2.1457 2.4998	Ave		2.3775				13.0		15.0			
Styrene	1.5449 2.0877	1.2994 1.6958	1.3180 1.7554	1.2624 1.6940	1.4711 1.7885	Lin1	-0.229	1.7492							0.9970		0.9900
Isopropylbenzene	2.3261 3.2090	2.0233 2.6284	2.1360 2.6711	1.9525 2.5613	2.2133 2.6530	Lin1	-0.289	2.6367							0.9970		0.9900
cis-1,4-Dichloro-2-butene	0.0959 0.1740	0.0982 0.1580	0.1135 0.1766	0.1113 0.1684	0.1258 0.1752	Lin1	-0.226	0.1708							0.9970		0.9900
BFB						None											
1,4-Dichlorobenzene	+++++ 1.4843	1.3090 1.1389	1.2955 1.1382	1.1084 1.1553	1.1678 1.1637	Ave		1.2179				10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,1,2,2-Tetrachloroethane	0.4332 0.5080	0.3725 0.4245	0.4334 0.4484	0.4378 0.4258	0.4243 0.4351	Ave		0.4343			0.3000	7.6		15.0			
Bromobenzene	0.9009 0.8436	0.6950 0.6574	0.6657 0.6572	0.6407 0.6376	0.6731 0.6534	Ave		0.7025				13.0		15.0			
1,2,3-Trichloropropane	0.1622 0.1765	0.1492 0.1501	0.1432 0.1455	0.1270 0.1329	0.1420 0.1378	Ave		0.1466				9.7		15.0			
N-Propylbenzene	2.5930 3.7222	2.1784 2.9330	2.3517 2.9916	2.2879 2.8705	2.6693 2.9324	Lin1	-0.280	2.9462							0.9960		0.9900
2-Ethyl-1-Hexanol	+++++ 0.0176	0.0049 0.0198	0.0079 0.0293	0.0088 0.0258	0.0094 0.0325	Qua1	-0.567	0.0178	0						0.9910		0.9900
tert-Butylbenzene	1.2649 1.8254	1.1340 1.4959	1.2645 1.5501	1.0510 1.5186	1.2657 1.5638	Lin1	-0.218	1.5438							0.9970		0.9900
1,2,4-Trimethylbenzene	1.5042 2.3809	1.2223 1.9166	1.3063 1.9480	1.3485 1.9302	1.6396 1.9700	Lin1	-0.349	1.9556							0.9960		0.9900
Hexachloroethane	+++++ 0.2574	0.2557 0.2053	0.2018 0.2226	0.1755 0.2314	0.1790 0.2428	Ave		0.2191				14.0		15.0			
sec-Butylbenzene	1.8527 2.3637	1.2820 1.9373	1.4241 1.9963	1.3424 1.9996	1.6358 2.0568	Lin1	-0.332	2.0177							0.9970		0.9900
4-Isopropyltoluene	1.3288 2.0003	1.1446 1.6379	1.1342 1.7391	1.0732 1.7280	1.3279 1.7747	Lin1	-0.362	1.7389							0.9960		0.9900
1,3-Dichlorobenzene	1.2999 1.4237	1.1221 1.1343	1.1508 1.1131	1.0306 1.1158	1.1044 1.1301	Ave		1.1625				9.8		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0823	0.0777 0.0770	0.0650 0.0849	0.0687 0.0784	0.0776 0.0885	Ave		0.0778				9.5		15.0			
n-Butylbenzene	0.2435 0.4670	0.2946 0.3753	0.2554 0.3932	0.2493 0.4044	0.3163 0.4117	Lin1	-0.089	0.4024							0.9960		0.9900
1,2-Dichlorobenzene	1.2356 1.3039	1.0258 1.0413	1.0829 1.0621	0.9840 1.0446	1.0514 1.0614	Ave		1.0893				9.2		15.0			
1,3,5-Trichlorobenzene	1.2023 0.8447	0.6788 0.6970	0.6657 0.7060	0.5770 0.7240	0.6454 0.7317	Lin1	0.0369	0.7218							0.9980		0.9900
Hexachlorobutadiene	+++++ 0.3538	0.3101 0.2800	0.3070 0.2774	0.2433 0.2840	0.2700 0.2946	Ave		0.2911				11.0		15.0			
Naphthalene	+++++ 1.2628	0.7555 1.2333	0.8350 1.4048	0.8333 1.3353	0.8964 1.4623	Qua1	-0.784	1.2014	0.0013						0.9980		0.9900
1,2,3-Trichlorobenzene	+++++ 0.6332	0.4832 0.5475	0.4900 0.5730	0.4563 0.5494	0.5075 0.5885	Ave		0.5365				11.0		15.0			
1,2,4-Trichlorobenzene	0.8500 0.7374	0.5829 0.6198	0.5863 0.6403	0.5233 0.6494	0.5650 0.6798	Ave		0.6434				15.0		15.0			
Fluorobenzene (Surr)	1.3942 1.3507	1.3597 1.3893	1.3746 1.4112	1.3800 1.3912	1.3878 1.3984	Ave		1.3837				1.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Trifluorotoluene (Surr)	0.6207 0.6481	0.5205 0.5108	0.5187 0.5188	0.4831 0.5247	0.5219 0.5182	Ave		0.5386				9.7		15.0			
Toluene-d8 (Surr)	0.8727 1.0068	0.9054 0.9890	0.9134 0.9866	0.9386 0.9660	0.9569 0.9817	Ave		0.9517				4.5		15.0			
Ethylbenzene-d10	1.4414 1.3327	1.3072 1.3270	1.3376 1.3501	1.3031 1.2980	1.2778 1.3495	Ave		1.3325				3.4		15.0			
4-Bromofluorobenzene (Surr)	0.8365 0.8769	0.8234 0.9049	0.8489 0.9017	0.8896 0.8636	0.8536 0.9214	Ave		0.8720				3.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 580-82074/3	VB00134397.D
Level 2	STD1 580-82074/4	VB00134399.D
Level 3	STD2 580-82074/5	VB00134401.D
Level 4	STD5 580-82074/6	VB00134403.D
Level 5	STD10 580-82074/7	VB00134405.D
Level 6	STD20 580-82074/8	VB00134407.D
Level 7	STD50 580-82074/9	VB00134409.D
Level 8	STD100 580-82074/10	VB00134411.D
Level 9	STD150 580-82074/11	VB00134413.D
Level 10	STD200 580-82074/12	VB00134415.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Dichlorodifluoromethane	PFB	Ave	2182 279102	10850 530024	21183 1082630	44195 1704013	104260 2307261	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
Bromomethane	PFB	Qua2	+++++ 10379	+++++ 29568	957 88211	1646 174369	2872 +++++	+++++ 20.0	+++++ 50.0	2.00 100	5.00 150	10.0 +++++
Chloromethane	PFB	Qua1	+++++ 78333	+++++ 159754	8194 370711	18063 686032	34940 +++++	+++++ 20.0	+++++ 50.0	2.00 100	5.00 150	10.0 +++++
Chloroethane	PFB	Qua1	+++++ 18361	+++++ 31510	1686 60655	3335 91425	6821 117465	+++++ 20.0	+++++ 50.0	2.00 99.9	5.00 150	9.99 200
Vinyl chloride	PFB	Ave	2092 244033	9177 484514	19132 1007379	41724 1575191	90595 1990326	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Trichlorofluoromethane	PFB	Qua2	4728 504483	19657 975133	42215 1773883	90846 2587090	208633 3279118	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Ethyl ether	PFB	Ave	8172 811956	30210 1821869	72307 3635139	173583 4575152	358791 6667539	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
Iodomethane	PFB	Qua1	+++++ 413892	2570 1244259	9087 3315252	27507 +++++	81711 +++++	+++++ 101	5.03 251	10.1 503	25.1 +++++	50.3 +++++
Acrolein	PFB	Ave	805 96314	3211 226828	8361 497224	20477 643182	40706 874468	1.01 101	5.04 252	10.1 504	25.2 756	50.4 1008
1,1,2-Trichloro-1,2,2-trifluoroetha ne	PFB	Ave	1890 202284	7829 431488	17030 905322	34819 1203963	87338 1688358	0.200 20.0	0.998 49.9	2.00 99.8	4.99 150	9.98 200
1,1-Dichloroethene	PFB	Ave	2385 217606	8368 456388	17852 925182	38976 1185245	91646 1581952	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
Acetone	PFB	Lin1	4352 119047	6138 276790	12750 581360	30274 699795	57656 1034863	1.00 100	5.00 250	10.0 500	25.0 750	50.0 1000
Carbon disulfide	PFB	Lin1	14115 546402	24990 1198676	52607 2508912	104310 3449442	236414 4980019	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
t-Butyl alcohol	PFB	Ave	+++++ 18238	777 41187	1713 89530	4359 115347	7866 176616	+++++ 100	5.00 250	10.0 500	25.0 750	50.0 1000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Acetonitrile	PFB	Ave	3273 358797	14277 775179	30516 1544412	71037 2094803	151297 2768258	2.00 200	10.00 500	20.0 1000	50.0 1499	100.0 1999
Methyl acetate	PFB	Ave	1381 124098	4725 258840	9556 515110	30166 684088	60902 1082904	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
Methylene Chloride	PFB	Lin2	3949 190220	9183 379471	16167 755186	37478 1123517	77260 1570852	0.200 20.0	0.998 49.9	2.00 99.8	4.99 150	9.98 200
Methyl tert-butyl ether	PFB	Ave	4444 475518	16512 1041150	38841 2224712	99928 3071809	202611 4408795	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
trans-1,2-Dichloroethene	PFB	Ave	2176 227305	9077 471995	19248 978069	40631 1420163	92541 1998913	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Acrylonitrile	PFB	Ave	1662 145071	5239 325341	12690 682546	33147 899489	62941 1331155	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
Hexane	PFB	Lin1	2542 191421	7088 400798	15266 835147	30271 1220273	75520 1768909	0.201 20.1	1.00 50.1	2.01 100	5.01 150	10.0 201
1,1-Dichloroethane	PFB	Ave	3690 367705	14268 774404	30731 1598344	68702 2290673	151946 3274365	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Diisopropyl ether	PFB	Ave	5163 538325	18852 1137316	43582 2337297	104537 3400927	214570 4720552	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Vinyl acetate	PFB	Qua1	985 121366	4398 305746	12925 662557	26838 +++++	49041 +++++	1.01 101	5.03 252	10.1 503	25.2 +++++	50.3 +++++
Ethyl t-butyl ether	PFB	Ave	2206 219880	7020 474233	16884 995054	41515 1458928	88096 2072577	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Cyclohexane	PFB	Lin1	+++++ 307454	14773 631108	37727 1306316	63452 1876323	133119 2670197	+++++ 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
2,2-Dichloropropane	PFB	Ave	3234 309301	11979 665320	25753 1403131	53866 2030126	125738 2837163	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
cis-1,2-Dichloroethene	PFB	Ave	2283 209331	7825 457378	17791 970606	40995 1333728	87500 1924049	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
2-Butanone	PFB	Ave	+++++ 11502	500 25484	1157 55534	3042 67221	5287 97886	+++++ 100	5.00 250	10.0 500	25.0 750	50.0 1000
Ethyl acetate	PFB	Ave	575 43962	1722 102181	4558 227451	10465 300512	20441 418364	1.01 101	5.03 251	10.1 503	25.1 754	50.3 1005
Isobutanol	PFB	Ave	+++++ 11140	519 26907	1258 61371	2714 85848	5281 127143	+++++ 200	9.99 499	20.0 999	49.9 1498	99.9 1997
Methacrylonitrile	PFB	Ave	1769 169327	6151 384175	14576 807672	36894 1020279	72013 1511460	1.01 101	5.07 253	10.1 507	25.3 760	50.7 1013
Chlorobromomethane	PFB	Qua2	1109 100215	4385 203747	9369 401210	21591 522946	43437 732802	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
Tetrahydrofuran	PFB	Lin1	563 41914	1537 97204	3729 216451	9267 252243	18768 386584	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
Chloroform	PFB	Ave	3423 339095	12972 733795	29150 1524650	68562 2077913	141878 2971883	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,1,1-Trichloroethane	PFB	Ave	2990 332475	12263 706033	26718 1479708	59705 2099558	134085 2938892	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
1,1-Dichloropropene	PFB	Ave	3279 276035	9995 578702	21418 1213599	47460 1737204	109677 2480981	0.198 19.8	0.991 49.5	1.98 99.1	4.95 149	9.91 198
Carbon tetrachloride	PFB	Ave	3176 281090	10808 602562	22712 1271683	47116 1800822	112093 2570549	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
n-Butyl alcohol	DFB	Lin1	+++++ 6359	214 17557	807 40501	1739 56239	3067 85706	+++++ 200	10.0 501	20.0 1001	50.1 1502	100 2002
Benzene	PFB	Ave	7953 719678	27953 1490985	61099 3099169	134009 4437464	293058 6283406	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
1,2-Dichloroethane	PFB	Ave	2563 225820	8790 493542	20365 1027969	49221 1358516	96803 1934375	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Tert-amyl methyl ether	PFB	Ave	3272 370060	12748 823646	27511 1753696	72047 2493573	145224 3609700	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Trichloroethene	DFB	Ave	1907 183991	7124 381437	15126 791033	34584 1130609	75011 1609893	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Methylcyclohexane	DFB	Ave	2059 225917	7173 482639	15917 1002511	32320 1464094	85604 2110746	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
1,2-Dichloropropane	DFB	Ave	1643 149956	6098 314913	12492 650472	27156 928016	58074 1337452	0.204 20.4	1.02 51.1	2.04 102	5.11 153	10.2 204
Dibromomethane	DFB	Ave	902 88915	3019 191131	7416 407340	19048 517521	37386 747053	0.201 20.1	1.01 50.3	2.01 101	5.03 151	10.1 201
Dichlorobromomethane	DFB	Ave	2035 171134	5989 362439	13153 761667	33917 1064423	65521 1522659	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
2-Chloroethyl vinyl ether	DFB	Lin1	1829 266123	6908 589236	14045 1261280	47421 1765585	102782 2554504	1.01 101	5.03 252	10.1 503	25.2 755	50.3 1006
cis-1,3-Dichloropropene	DFB	Ave	1523 184024	5547 400359	13013 853252	32806 1221973	68949 1756401	0.198 19.8	0.992 49.6	1.98 99.2	4.96 149	9.92 198
2-Hexanone	DFB	Lin1	+++++ 63091	1518 150205	3900 336927	9950 478905	21681 698453	+++++ 100	5.00 250	10.0 500	25.0 750	50.0 1000
4-Methyl-2-pentanone	DFB	Lin1	622 80351	2404 183544	4615 409667	14722 583214	30954 841674	1.00 100	5.00 250	10.0 500	25.0 750	50.0 1000
Toluene	DFB	Ave	6076 593057	21330 1217798	45644 2546637	103546 3621491	228844 5215545	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Ethylene Dibromide	DFB	Ave	+++++ 63069	2351 139805	5209 293197	13250 418720	24976 604845	+++++ 20.1	1.00 50.2	2.01 100	5.02 150	10.0 201
trans-1,3-Dichloropropene	DFB	Ave	1204 124509	4114 276344	8914 603933	21753 857959	46905 1251548	0.204 20.4	1.02 51.0	2.04 102	5.10 153	10.2 204
1,1,2-Trichloroethane	DFB	Ave	782 67744	2758 145885	5931 303371	14408 430034	26843 608541	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
Tetrachloroethene	DFB	Qua1	+++++ 145025	5339 273222	11069 565663	23727 796761	64870 +++++	+++++ 20.0	1.00 50.1	2.00 100	5.01 150	10.0 +++++

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,3-Dichloropropane	DFB	Ave	1237 125204	4724 267226	10368 564354	24645 800705	51023 1149816	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
Chlorodibromomethane	DFB	Ave	770 64690	2146 142665	4622 309776	11931 445266	24777 650380	0.199 19.9	0.993 49.6	1.99 99.3	4.96 149	9.93 199
Bromoform	DCB	Ave	+++++ 27766	808 63352	1917 144713	4599 213323	10397 323392	+++++ 20.3	1.02 50.8	2.03 102	5.08 152	10.2 203
Chlorobenzene	DCB	Qua1	+++++ 253479	13800 517190	24277 1047716	50417 +++++	98458 +++++	+++++ 20.0	0.998 49.9	2.00 99.8	4.99 +++++	9.98 +++++
1,1,1,2-Tetrachloroethane	DCB	Ave	+++++ 80262	2672 166548	5859 351924	14088 512261	29306 730047	+++++ 20.1	1.00 50.2	2.01 100	5.02 150	10.0 201
Ethylbenzene	DCB	Ave	4123 453446	15089 942975	32461 1994268	74634 2896823	164209 4092380	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
m-Xylene & p-Xylene	DCB	Ave	5660 665097	20223 1390822	44457 2898147	107167 4169674	240701 6058784	0.401 40.1	2.00 100	4.01 200	10.0 300	20.0 401
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 69347	1949 162822	4346 357824	12372 513488	26369 737019	+++++ 100	5.00 250	10.0 500	25.0 750	50.0 1000
2-Chlorotoluene	DCB	Ave	+++++ 71057	2311 145089	5009 309828	11159 468567	25597 658439	+++++ 20.1	1.00 50.2	2.01 100	5.02 151	10.0 201
1,3,5-Trimethylbenzene	DCB	Lin	+++++ 237495	5597 497272	12712 1036123	33196 1566324	78738 2207121	+++++ 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
4-Chlorotoluene	DCB	Ave	+++++ 73699	2182 151964	4830 320491	12100 476788	26132 673982	+++++ 20.1	1.00 50.1	2.01 100	5.01 150	10.0 201
o-Xylene	DCB	Ave	+++++ 294052	9088 626227	18406 1322404	44717 1940462	100838 2776395	+++++ 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
Styrene	DCB	Lin1	1325 200611	5443 431528	11328 929651	28579 1370951	69341 1992330	0.201 20.1	1.00 50.2	2.01 100	5.02 151	10.0 201
Isopropylbenzene	DCB	Lin1	1988 307280	8446 666514	18294 1409688	44048 2065581	103963 2945076	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
cis-1,4-Dichloro-2-butene	DCB	Lin1	410 83340	2051 200443	4864 466187	12556 679254	29559 972920	1.00 100	5.01 250	10.0 501	25.0 751	50.1 1001
BFB		None	28317 34970	27574 36842	29916 37781	31947 39914	33208 40965	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 141916	5456 288375	11079 599824	24967 930290	54773 1289878	+++++ 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
1,1,2,2-Tetrachloroethane	DCB	Ave	371 48742	1558 107854	3719 237102	9897 344068	19968 483955	0.201 20.1	1.00 50.1	2.01 100	5.01 150	10.0 201
Bromobenzene	DCB	Ave	775 81301	2920 167779	5739 349091	14548 517557	31824 730002	0.201 20.1	1.01 50.4	2.01 101	5.04 151	10.1 201
1,2,3-Trichloropropane	DCB	Ave	140 17068	629 38438	1239 77535	2894 108267	6738 154555	0.202 20.2	1.01 50.5	2.02 101	5.05 152	10.1 202
N-Propylbenzene	DCB	Lin1	2215 356249	9089 743380	20132 1578090	51589 2313751	125322 3253668	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 Calibration End Date: 03/10/2011 22:50 Calibration ID: 7415

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2-Ethyl-1-Hexanol	DCB	Qua1	+++++ 42137	511 125452	1694 385915	4951 520327	10994 900737	+++++ 500	25.0 1250	50.0 2499	125 3749	250 4998
tert-Butylbenzene	DCB	Lin1	1080 174623	4729 378941	10819 817245	23688 1223490	59395 1734235	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
1,2,4-Trimethylbenzene	DCB	Lin1	1292 229121	5128 488435	11244 1033230	30575 1564401	77399 2197843	0.201 20.1	1.01 50.3	2.01 101	5.03 151	10.1 201
Hexachloroethane	DCB	Ave	+++++ 24706	1070 52180	1733 117779	3969 187110	8431 270240	+++++ 20.1	1.00 50.2	2.01 100	5.02 150	10.0 201
sec-Butylbenzene	DCB	Lin1	1585 226561	5357 491741	12209 1054606	30314 1614190	76913 2285549	0.200 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
4-Isopropyltoluene	DCB	Lin1	1134 191256	4771 414708	9700 916436	24176 1391469	62282 1967111	0.200 20.0	0.999 50.0	2.00 99.9	5.00 150	9.99 200
1,3-Dichlorobenzene	DCB	Ave	1111 136325	4684 287641	9856 587461	23251 899878	51877 1254480	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 7898	325 19572	558 44925	1554 63403	3655 98533	+++++ 20.1	1.00 50.2	2.01 100	5.02 150	10.0 201
n-Butylbenzene	DCB	Lin1	208 44699	1229 95130	2186 207416	5621 325984	14850 456775	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
1,2-Dichlorobenzene	DCB	Ave	1056 124858	4282 264063	9275 560547	22198 842394	49389 1178226	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
1,3,5-Trichlorobenzene	DCB	Lin1	1027 80848	2832 176645	5699 372420	13010 583552	30299 811840	0.200 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Hexachlorobutadiene	DCB	Ave	+++++ 33863	1294 70969	2628 146334	5486 228931	12676 326900	+++++ 20.0	1.00 50.0	2.00 100	5.00 150	10.0 200
Naphthalene	DCB	Qua1	+++++ 121043	3157 313043	7159 742144	18818 1077960	42147 1624911	+++++ 20.0	1.00 50.1	2.00 100	5.01 150	10.0 200
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 60176	2002 137783	4165 300149	10216 439707	23662 648424	+++++ 19.9	0.993 49.7	1.99 99.3	4.97 149	9.93 199
1,2,4-Trichlorobenzene	DCB	Ave	721 70079	2415 155991	4984 335379	11717 519756	26342 748934	0.199 19.9	0.993 49.7	1.99 99.3	4.97 149	9.93 199
Fluorobenzene (Surr)	PFB	Ave	280523 262615	251692 277824	266896 287765	266233 280972	263953 298153	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0
Trifluorotoluene (Surr)	DFB	Ave	3254 312495	12062 637715	25195 1324618	58879 1965502	124841 2729231	0.200 20.0	1.000 50.0	2.00 100.0	5.00 150	10.00 200
Toluene-d8 (Surr)	DFB	Ave	229173 243149	210223 247422	222230 252345	229224 241689	229330 259002	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0
Ethylbenzene-d10	DCB	Ave	61580 63792	54554 67282	57265 71237	58783 69768	60007 74886	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0
4-Bromofluorobenzene (Surr)	DCB	Ave	35805 42052	34426 45968	36412 47668	40203 46505	40160 51225	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1 | Analy Batch No.: 82074

SDG No.:

Instrument ID: TAC043 | GC Column: ZB-624short | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2011 19:13 | Calibration End Date: 03/10/2011 22:50 | Calibration ID: 7415

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
None = No Calib Curve
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-82074/14 Calibration Date: 03/10/2011 23:39

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134419.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acrolein	Ave	0.0427	0.0370		217	250	-13.3	40.0
Acrylonitrile	Ave	0.0668	0.0588		223	254	-11.9	40.0
Fluorobenzene (Surr)	Ave	1.384	1.504		10.9	10.0	8.7	25.0
Toluene-d8 (Surr)	Ave	0.9517	0.9381		9.87	10.0	-1.4	25.0
Ethylbenzene-d10	Ave	1.332	1.468		11.0	10.0	10.2	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8720	0.8543		9.82	10.0	-2.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-82074/15 Calibration Date: 03/11/2011 00:03

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134421.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5568	0.5135		45.2	49.0	-7.8	25.0
Chloromethane	Qua1		0.1259	0.1000		50.0	-23.9	25.0
Vinyl chloride	Ave	0.5011	0.5324		53.1	50.0	6.2	25.0
Bromomethane	Qua2		0.0139			50.0	-41.3*	25.0
Chloroethane	Qua1		0.0303			50.1	-11.9	25.0
Trichlorofluoromethane	Qua2		0.9224		44.8	49.5	-9.5	25.0
Ethyl ether	Ave	0.3593	0.3415		236	248	-5.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4353	0.4474		51.1	49.7	2.8	40.0
1,1-Dichloroethene	Ave	0.4629	0.4794		51.3	49.5	3.6	25.0
Acetone	Lin1		0.0546			50.0	1.5	25.0
Iodomethane	Qua1		0.1805		57.3	49.2	16.3	40.0
Carbon disulfide	Lin1		1.250		52.8	50.0	5.5	25.0
Acetonitrile	Ave	0.0771	0.0811		526	500	5.2	40.0
Methyl acetate	Ave	0.0557	0.0462			252	-17.1	40.0
Methylene Chloride	Lin2		0.4209		54.2	50.0	8.4	25.0
t-Butyl alcohol	Ave	0.0085	0.0075		218	250	-12.7	40.0
Methyl tert-butyl ether	Ave	1.050	1.006		47.9	50.0	-4.3	25.0
trans-1,2-Dichloroethene	Ave	0.4910	0.4864		49.5	50.0	-1.0	25.0
Hexane	Lin1		0.4168		50.9	50.1	1.7	40.0
1,1-Dichloroethane	Ave	0.8025	0.7995	0.1000	49.6	49.8	-0.4	25.0
Diisopropyl ether	Ave	1.154	1.123		48.7	50.0	-2.7	40.0
Vinyl acetate	Qua1		0.0291			50.0	-49.1*	40.0
Ethyl t-butyl ether	Ave	0.4753	0.4763		50.1	50.0	0.2	40.0
2,2-Dichloropropane	Ave	0.6821	0.6305		46.2	50.0	-7.6	25.0
cis-1,2-Dichloroethene	Ave	0.4689	0.4686		50.0	50.0	-0.0	25.0
2-Butanone	Ave	0.0054	0.0044			50.0	-19.1	25.0
Ethyl acetate	Ave	0.0218	0.0179			50.0	-17.7	40.0
Methacrylonitrile	Ave	0.0754	0.0712		473	500	-5.5	40.0
Chlorobromomethane	Qua2		0.2095		47.8	49.6	-3.6	25.0
Tetrahydrofuran	Lin1		0.0182		244	249	-1.9	40.0
Chloroform	Ave	0.7491	0.7345		49.0	49.9	-1.9	25.0
1,1,1-Trichloroethane	Ave	0.7093	0.7016		49.5	50.0	-1.1	25.0
Cyclohexane	Lin1		0.6950		54.3	49.9	9.0	40.0
1,1-Dichloropropene	Ave	0.6074	0.6014		49.3	49.8	-1.0	25.0
Carbon tetrachloride	Ave	0.6175	0.6055		49.0	50.0	-2.0	25.0
Isobutanol	Ave	0.0029	0.0024			998	-16.0	40.0
Benzene	Ave	1.581	1.573		49.8	50.0	-0.5	25.0
1,2-Dichloroethane	Ave	0.5141	0.4830		47.0	50.0	-6.0	25.0
Tert-amyl methyl ether	Ave	0.8029	0.8136		50.7	50.0	1.3	40.0
n-Butyl alcohol	Lin1		0.0020			49.8	36.3	40.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-82074/15 Calibration Date: 03/11/2011 00:03

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134421.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Trichloroethene	Ave	0.3183	0.3270		51.4	50.0	2.7	25.0
Methylcyclohexane	Ave	0.3693	0.4074		55.2	50.0	10.3	40.0
1,2-Dichloropropane	Ave	0.2562	0.2440		47.6	50.0	-4.8	25.0
Dibromomethane	Ave	0.1535	0.1452		46.6	49.3	-5.4	25.0
Dichlorobromomethane	Ave	0.2982	0.2831		47.5	50.0	-5.1	25.0
2-Chloroethyl vinyl ether	Lin1		0.0795			49.8	-15.3	40.0
cis-1,3-Dichloropropene	Ave	0.3075	0.2970		50.7	52.6	-3.4	25.0
4-Methyl-2-pentanone	Lin1		0.0266			49.7	-13.5	25.0
Toluene	Ave	0.999	1.005		50.4	50.0	0.7	25.0
trans-1,3-Dichloropropene	Ave	0.2105	0.2114		47.7	47.5	0.4	25.0
1,1,2-Trichloroethane	Ave	0.1224	0.1164		46.9	49.3	-4.9	25.0
Tetrachloroethene	Qua1		0.3099		66.0	50.0	31.8*	25.0
1,3-Dichloropropane	Ave	0.2197	0.2204		49.9	49.8	0.3	25.0
2-Hexanone	Lin1		0.0208			49.0	-11.2	25.0
Chlorodibromomethane	Ave	0.1156	0.1105		46.9	49.0	-4.4	25.0
Ethylene Dibromide	Ave	0.1114	0.1130		50.2	49.5	1.4	25.0
Chlorobenzene	Qua1		2.182	0.3000	50.7	50.0	1.4	25.0
1,1,1,2-Tetrachloroethane	Ave	0.6680	0.7370		54.3	49.2	10.3	25.0
Ethylbenzene	Ave	3.858	4.004		51.9	50.0	3.8	25.0
m-Xylene & p-Xylene	Ave	2.752	2.881		105	100	4.7	25.0
o-Xylene	Ave	2.378	2.618		54.5	49.5	10.1	25.0
Styrene	Lin1		1.789		51.1	49.8	2.6	25.0
Bromoform	Ave	0.2423	0.2483	0.1000	50.8	49.6	2.5	25.0
Isopropylbenzene	Lin1		2.570		48.9	50.0	-2.3	25.0
cis-1,4-Dichloro-2-butene	Lin1		0.1389			49.3	-16.0	40.0
1,1,2,2-Tetrachloroethane	Ave	0.4343	0.4217	0.3000	47.8	49.2	-2.9	25.0
Bromobenzene	Ave	0.7025	0.7068		50.1	49.8	0.6	25.0
1,2,3-Trichloropropane	Ave	0.1466	0.1414		47.5	49.3	-3.6	25.0
trans-1,4-Dichloro-2-butene	Ave	0.1207	0.1288			50.0	6.7	40.0
N-Propylbenzene	Lin1		2.909		49.5	50.0	-1.1	25.0
2-Chlorotoluene	Ave	0.5814	0.6227		53.0	49.4	7.1	25.0
1,3,5-Trimethylbenzene	Lin		2.100		52.7	49.4	6.5	25.0
4-Chlorotoluene	Ave	0.5937	0.6328		52.5	49.3	6.6	25.0
tert-Butylbenzene	Lin1		1.590		51.1	49.5	3.3	25.0
1,2,4-Trimethylbenzene	Lin1		2.103		54.0	50.0	7.9	25.0
sec-Butylbenzene	Lin1		2.015		50.1	50.0	0.2	25.0
4-Isopropyltoluene	Lin1		1.750		50.3	49.8	1.0	25.0
1,3-Dichlorobenzene	Ave	1.162	1.133		48.7	50.0	-2.5	25.0
1,4-Dichlorobenzene	Ave	1.218	1.160		47.6	50.0	-4.7	25.0
2-Ethyl-1-Hexanol	Qua1		0.0156		533	625	-14.7	40.0
n-Butylbenzene	Lin1		0.4030		50.3	50.0	0.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-82074/15 Calibration Date: 03/11/2011 00:03

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134421.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichlorobenzene	Ave	1.089	1.062		48.7	49.9	-2.5	25.0
Hexachloroethane	Ave	0.2191	0.2025		46.2	50.0	-7.5	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0778	0.0708			50.0	-9.0	25.0
1,2,4-Trichlorobenzene	Ave	0.6434	0.6376		49.2	49.6	-0.9	25.0
Hexachlorobutadiene	Ave	0.2911	0.2955		49.8	49.0	1.5	25.0
Naphthalene	Qua1		1.240		49.7	50.1	-0.7	25.0
1,2,3-Trichlorobenzene	Ave	0.5365	0.5350		50.0	50.1	-0.3	25.0
Fluorobenzene (Surr)	Ave	1.384	1.423		10.3	10.0	2.8	25.0
Trifluorotoluene (Surr)	Ave	0.5386	0.5502		10.2	10.0	2.2	25.0
Toluene-d8 (Surr)	Ave	0.9517	0.9769		10.3	10.0	2.6	25.0
Ethylbenzene-d10	Ave	1.332	1.371		10.3	10.0	2.9	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8720	0.8964		10.3	10.0	2.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82178/3 Calibration Date: 03/12/2011 17:26

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134475.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5568	0.5450		48.9	50.0	-2.1	
Chloromethane	Qua1		0.1964	0.1000		50.0	13.3	
Vinyl chloride	Ave	0.5011	0.4695		46.9	50.0	-6.3	20.0
Bromomethane	Qua2		0.0260		46.0	50.0	-8.0	
Chloroethane	Qua1		0.0305			50.0	-11.2	
Trichlorofluoromethane	Qua2		1.008		49.9	50.0	-0.2	
Ethyl ether	Ave	0.3593	0.3438		239	250	-4.3	
Acrolein	Ave	0.0427	0.0416		245	252	-2.6	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4353	0.4158		47.6	49.9	-4.5	
1,1-Dichloroethene	Ave	0.4629	0.4357		47.0	50.0	-5.9	20.0
Acetone	Lin1		0.0587		287	250	15.0	
Iodomethane	Qua1		0.1885		212	251	-15.5	
Carbon disulfide	Lin1		1.135		48.0	50.1	-4.2	
Acetonitrile	Ave	0.0771	0.0736		478	500	-4.4	
Methyl acetate	Ave	0.0557	0.0451			250	-19.1	
Methylene Chloride	Lin2		0.3745		48.1	49.9	-3.6	
t-Butyl alcohol	Ave	0.0085	0.0083		244	250	-2.3	
Methyl tert-butyl ether	Ave	1.050	1.051		50.0	50.0	0.0	
trans-1,2-Dichloroethene	Ave	0.4910	0.4409		44.9	50.0	-10.2	
Acrylonitrile	Ave	0.0668	0.0677		254	250	1.4	
Hexane	Lin1		0.3775		46.2	50.1	-7.9	
1,1-Dichloroethane	Ave	0.8025	0.7465	0.1000	46.5	50.0	-7.0	
Diisopropyl ether	Ave	1.154	1.173		50.8	50.0	1.7	
Vinyl acetate	Qua1		0.0707		290	252	15.1	
Ethyl t-butyl ether	Ave	0.4753	0.4969		52.3	50.0	4.5	
2,2-Dichloropropane	Ave	0.6821	0.6951		51.0	50.0	1.9	
cis-1,2-Dichloroethene	Ave	0.4689	0.4517		48.3	50.1	-3.7	
2-Butanone	Ave	0.0054	0.0060		277	250	10.8	
Ethyl acetate	Ave	0.0218	0.0240		277	251	10.1	
Methacrylonitrile	Ave	0.0754	0.0870		293	253	15.5	
Chlorobromomethane	Qua2		0.2241		52.0	50.1	3.8	
Tetrahydrofuran	Lin1		0.0210		283	250	13.1	
Chloroform	Ave	0.7491	0.7642		51.1	50.0	2.0	20.0
1,1,1-Trichloroethane	Ave	0.7093	0.7312		51.5	50.0	3.1	
Cyclohexane	Lin1		0.5848		45.7	50.0	-8.5	
1,1-Dichloropropene	Ave	0.6074	0.5950		48.5	49.5	-2.0	
Carbon tetrachloride	Ave	0.6175	0.6350		51.5	50.1	2.8	
Isobutanol	Ave	0.0029	0.0022			499	-25.0	
Benzene	Ave	1.581	1.564		49.4	50.0	-1.1	
1,2-Dichloroethane	Ave	0.5141	0.5525		53.7	50.0	7.5	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82178/3 Calibration Date: 03/12/2011 17:26

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134475.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.8029	0.9062		56.4	50.0	12.9	
n-Butyl alcohol	Lin1		0.0010			500	-36.9	
Trichloroethene	Ave	0.3183	0.3042		47.8	50.0	-4.4	
Methylcyclohexane	Ave	0.3693	0.3443		46.6	50.0	-6.8	
1,2-Dichloropropane	Ave	0.2562	0.2547		50.8	51.1	-0.6	20.0
Dibromomethane	Ave	0.1535	0.1658		54.3	50.3	8.0	
Dichlorobromomethane	Ave	0.2982	0.3380		56.7	50.0	13.3	
2-Chloroethyl vinyl ether	Lin1		0.1053		277	252	10.1	
cis-1,3-Dichloropropene	Ave	0.3075	0.3670		59.2	49.6	19.3	
4-Methyl-2-pentanone	Lin1		0.0310		247	250	-1.0	
Toluene	Ave	0.999	0.998		49.9	50.0	-0.1	20.0
trans-1,3-Dichloropropene	Ave	0.2105	0.2634		63.8	51.0	25.1	
1,1,2-Trichloroethane	Ave	0.1224	0.1356		55.5	50.1	10.7	
Tetrachloroethene	Qua1		0.2319		48.3	50.1	-3.6	
1,3-Dichloropropane	Ave	0.2197	0.2548		57.9	50.0	16.0	
2-Hexanone	Lin1		0.0213		209	250	-16.6	
Chlorodibromomethane	Ave	0.1156	0.1398		60.0	49.6	20.9	
Ethylene Dibromide	Ave	0.1114	0.1236		55.6	50.2	10.9	
Chlorobenzene	Qua1		2.566	0.3000	60.5	49.9	21.3	
1,1,1,2-Tetrachloroethane	Ave	0.6680	0.9170		68.8	50.2	37.3	
Ethylbenzene	Ave	3.858	4.652		60.2	50.0	20.6*	20.0
m-Xylene & p-Xylene	Ave	2.752	3.330		121	100	21.0	
o-Xylene	Ave	2.378	2.953		62.2	50.0	24.2	
Styrene	Lin1		1.987		57.2	50.2	13.8	
Bromoform	Ave	0.2423	0.2863	0.1000	60.0	50.8	18.1	
Isopropylbenzene	Lin1		3.108		59.1	50.0	18.1	
cis-1,4-Dichloro-2-butene	Lin1		0.1757		259	250	3.4	
1,1,2,2-Tetrachloroethane	Ave	0.4343	0.4196	0.3000	48.4	50.1	-3.4	
Bromobenzene	Ave	0.7025	0.7272		52.1	50.4	3.5	
1,2,3-Trichloropropane	Ave	0.1466	0.1484		51.1	50.5	1.2	
trans-1,4-Dichloro-2-butene	Ave	0.1207	0.1315		272	250	8.9	
N-Propylbenzene	Lin1		3.380		57.5	50.0	14.9	
2-Chlorotoluene	Ave	0.5814	0.6417		55.4	50.2	10.4	
1,3,5-Trimethylbenzene	Lin		2.218		56.3	50.0	12.5	
4-Chlorotoluene	Ave	0.5937	0.6613		55.8	50.1	11.4	
tert-Butylbenzene	Lin1		1.643		53.3	50.0	6.7	
1,2,4-Trimethylbenzene	Lin1		2.060		53.1	50.3	5.7	
sec-Butylbenzene	Lin1		2.103		52.3	50.1	4.5	
4-Isopropyltoluene	Lin1		1.761		50.8	50.0	1.7	
1,3-Dichlorobenzene	Ave	1.162	1.144		49.2	50.0	-1.6	
1,4-Dichlorobenzene	Ave	1.218	1.171		48.0	50.0	-3.9	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82178/3 Calibration Date: 03/12/2011 17:26

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134475.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Ethyl-1-Hexanol	Qua1		0.0159		988	1250	-20.9	
n-Butylbenzene	Lin1		0.3963		49.5	50.0	-1.1	
1,2-Dichlorobenzene	Ave	1.089	1.034		47.5	50.0	-5.0	
Hexachloroethane	Ave	0.2191	0.2269		51.9	50.2	3.6	
1,2-Dibromo-3-Chloropropane	Ave	0.0778	0.0762			50.2	-2.1	
1,3,5-Trichlorobenzene	Lin1		0.6597		45.6	50.0	-8.7	
1,2,4-Trichlorobenzene	Ave	0.6434	0.5657		43.7	49.6	-12.1	
Hexachlorobutadiene	Ave	0.2911	0.2690		46.2	50.0	-7.6	
Naphthalene	Qua1		1.078		43.6	50.1	-13.0	
1,2,3-Trichlorobenzene	Ave	0.5365	0.4999		46.3	49.6	-6.8	
Fluorobenzene (Surr)	Ave	1.384	1.444		10.4	10.0	4.3	
Trifluorotoluene (Surr)	Ave	0.5386	0.5102		47.4	50.0	-5.3	
Toluene-d8 (Surr)	Ave	0.9517	1.006		10.6	10.0	5.7	
Ethylbenzene-d10	Ave	1.332	1.611		12.1	10.0	20.9	
4-Bromofluorobenzene (Surr)	Ave	0.8720	0.9825		11.3	10.0	12.7	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82177/2 Calibration Date: 03/13/2011 11:45

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134509.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5568	0.5068		45.5	50.0	-9.0	
Chloromethane	Qua1		0.2120	0.1000		50.0	21.1	
Vinyl chloride	Ave	0.5011	0.4524		45.1	50.0	-9.7	20.0
Bromomethane	Qua2		0.0163			50.0	-33.9	
Chloroethane	Qua1		0.0291			50.0	-15.3	
Trichlorofluoromethane	Qua2		0.9638		47.5	50.0	-5.0	
Ethyl ether	Ave	0.3593	0.3511		245	250	-2.3	
Acrolein	Ave	0.0427	0.0327		193	252	-23.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4353	0.4054		46.4	49.9	-6.9	
1,1-Dichloroethene	Ave	0.4629	0.4260		46.0	50.0	-8.0	20.0
Acetone	Lin1		0.0638		312	250	25.0	
Iodomethane	Qua1		0.1476		177	251	-29.6	
Carbon disulfide	Lin1		1.118		47.2	50.1	-5.6	
Acetonitrile	Ave	0.0771	0.0712		462	500	-7.5	
Methyl acetate	Ave	0.0557	0.0647		291	250	16.1	
Methylene Chloride	Lin2		0.3725		47.8	49.9	-4.2	
t-Butyl alcohol	Ave	0.0085	0.0090		264	250	5.6	
Methyl tert-butyl ether	Ave	1.050	1.066		50.7	50.0	1.5	
trans-1,2-Dichloroethene	Ave	0.4910	0.4390		44.7	50.0	-10.6	
Acrylonitrile	Ave	0.0668	0.0703		264	250	5.3	
Hexane	Lin1		0.3110		38.0	50.1	-24.2	
1,1-Dichloroethane	Ave	0.8025	0.7356	0.1000	45.8	50.0	-8.3	
Diisopropyl ether	Ave	1.154	1.150		49.8	50.0	-0.4	
Vinyl acetate	Qua1		0.0292		125	252	-50.5	
Ethyl t-butyl ether	Ave	0.4753	0.4962		52.2	50.0	4.4	
2,2-Dichloropropane	Ave	0.6821	0.4848		35.5	50.0	-28.9	
cis-1,2-Dichloroethene	Ave	0.4689	0.4414		47.2	50.1	-5.9	
2-Butanone	Ave	0.0054	0.0062		286	250	14.2	
Ethyl acetate	Ave	0.0218	0.0245		283	251	12.6	
Methacrylonitrile	Ave	0.0754	0.0908		305	253	20.5	
Chlorobromomethane	Qua2		0.2211		51.2	50.1	2.3	
Tetrahydrofuran	Lin1		0.0228		308	250	22.9	
Chloroform	Ave	0.7491	0.7499		50.1	50.0	0.1	20.0
1,1,1-Trichloroethane	Ave	0.7093	0.7320		51.6	50.0	3.2	
Cyclohexane	Lin1		0.5819		45.5	50.0	-9.0	
1,1-Dichloropropene	Ave	0.6074	0.5868		47.8	49.5	-3.4	
Carbon tetrachloride	Ave	0.6175	0.6203		50.3	50.1	0.5	
Isobutanol	Ave	0.0029	0.0025			499	-13.6	
Benzene	Ave	1.581	1.544		48.8	50.0	-2.3	
1,2-Dichloroethane	Ave	0.5141	0.5533		53.8	50.0	7.6	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82177/2 Calibration Date: 03/13/2011 11:45

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134509.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.8029	0.9220		57.4	50.0	14.8	
n-Butyl alcohol	Lin1		0.0011			500	-31.1	
Trichloroethene	Ave	0.3183	0.3160		49.6	50.0	-0.7	
Methylcyclohexane	Ave	0.3693	0.3329		45.0	50.0	-9.9	
1,2-Dichloropropane	Ave	0.2562	0.2540		50.7	51.1	-0.8	20.0
Dibromomethane	Ave	0.1535	0.1673		54.8	50.3	9.0	
Dichlorobromomethane	Ave	0.2982	0.3400		57.1	50.0	14.0	
2-Chloroethyl vinyl ether	Lin1		0.1092		287	252	14.2	
cis-1,3-Dichloropropene	Ave	0.3075	0.3481		56.2	49.6	13.2	
4-Methyl-2-pentanone	Lin1		0.0324		258	250	3.4	
Toluene	Ave	0.999	1.012		50.6	50.0	1.3	20.0
trans-1,3-Dichloropropene	Ave	0.2105	0.2445		59.2	51.0	16.2	
1,1,2-Trichloroethane	Ave	0.1224	0.1369		56.0	50.1	11.8	
Tetrachloroethene	Qua1		0.3811		83.0	50.1	65.7	
1,3-Dichloropropane	Ave	0.2197	0.2576		58.6	50.0	17.3	
2-Hexanone	Lin1		0.0232		227	250	-9.3	
Chlorodibromomethane	Ave	0.1156	0.1403		60.2	49.6	21.3	
Ethylene Dibromide	Ave	0.1114	0.1265		56.9	50.2	13.5	
Chlorobenzene	Qua1		2.501	0.3000	58.8	49.9	17.9	
1,1,1,2-Tetrachloroethane	Ave	0.6680	0.8805		66.1	50.2	31.8	
Ethylbenzene	Ave	3.858	4.526		58.6	50.0	17.3	20.0
m-Xylene & p-Xylene	Ave	2.752	3.253		118	100	18.2	
o-Xylene	Ave	2.378	2.855		60.1	50.0	20.1	
Styrene	Lin1		1.963		56.5	50.2	12.5	
Bromoform	Ave	0.2423	0.2776	0.1000	58.1	50.8	14.6	
Isopropylbenzene	Lin1		3.059		58.1	50.0	16.2	
cis-1,4-Dichloro-2-butene	Lin1		0.1612		237	250	-5.1	
1,1,2,2-Tetrachloroethane	Ave	0.4343	0.4214	0.3000	48.6	50.1	-3.0	
Bromobenzene	Ave	0.7025	0.7151		51.3	50.4	1.8	
1,2,3-Trichloropropane	Ave	0.1466	0.1484		51.1	50.5	1.2	
trans-1,4-Dichloro-2-butene	Ave	0.1207	0.1185		246	250	-1.8	
N-Propylbenzene	Lin1		3.322		56.5	50.0	13.0	
2-Chlorotoluene	Ave	0.5814	0.6316		54.6	50.2	8.6	
1,3,5-Trimethylbenzene	Lin		2.138		54.3	50.0	8.4	
4-Chlorotoluene	Ave	0.5937	0.6498		54.9	50.1	9.5	
tert-Butylbenzene	Lin1		1.699		55.1	50.0	10.3	
1,2,4-Trimethylbenzene	Lin1		2.055		53.0	50.3	5.4	
sec-Butylbenzene	Lin1		2.028		50.5	50.1	0.9	
4-Isopropyltoluene	Lin1		1.713		49.4	50.0	-1.1	
1,3-Dichlorobenzene	Ave	1.162	1.135		48.9	50.0	-2.3	
1,4-Dichlorobenzene	Ave	1.218	1.151		47.2	50.0	-5.5	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82177/2 Calibration Date: 03/13/2011 11:45

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134509.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Ethyl-1-Hexanol	Qua1		0.0167		1030	1250	-17.5	
n-Butylbenzene	Lin1		0.3618		45.2	50.0	-9.7	
1,2-Dichlorobenzene	Ave	1.089	1.025		47.1	50.0	-5.9	
Hexachloroethane	Ave	0.2191	0.2163		49.5	50.2	-1.3	
1,2-Dibromo-3-Chloropropane	Ave	0.0778	0.0752			50.2	-3.3	
1,3,5-Trichlorobenzene	Lin1		0.6309		43.6	50.0	-12.7	
1,2,4-Trichlorobenzene	Ave	0.6434	0.5497		42.4	49.6	-14.6	
Hexachlorobutadiene	Ave	0.2911	0.2383		40.9	50.0	-18.2	
Naphthalene	Qua1		1.115		45.0	50.1	-10.2	
1,2,3-Trichlorobenzene	Ave	0.5365	0.5060		46.8	49.6	-5.7	
Fluorobenzene (Surr)	Ave	1.384	1.415		10.2	10.0	2.3	
Trifluorotoluene (Surr)	Ave	0.5386	0.5028		46.7	50.0	-6.6	
Toluene-d8 (Surr)	Ave	0.9517	0.9821		10.3	10.0	3.2	
Ethylbenzene-d10	Ave	1.332	1.563		11.7	10.0	17.3	
4-Bromofluorobenzene (Surr)	Ave	0.8720	0.9632		11.1	10.0	10.5	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82301/3 Calibration Date: 03/15/2011 12:20

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134558.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5568	0.5320		47.7	50.0	-4.5	
Chloromethane	Qua1		0.1966	0.1000		50.0	13.4	
Vinyl chloride	Ave	0.5011	0.4738		47.3	50.0	-5.5	20.0
Bromomethane	Qua2		0.0261		46.2	50.0	-7.6	
Chloroethane	Qua1		0.0308			50.0	-10.2	
Trichlorofluoromethane	Qua2		1.007		49.8	50.0	-0.4	
Ethyl ether	Ave	0.3593	0.3589		250	250	-0.1	
Acrolein	Ave	0.0427	0.0216		127	252	-49.4	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4353	0.4238		48.6	49.9	-2.6	
1,1-Dichloroethene	Ave	0.4629	0.4614		49.8	50.0	-0.3	20.0
Acetone	Lin1		0.0640		314	250	25.5	
Iodomethane	Qua1		0.2100		230	251	-8.5	
Carbon disulfide	Lin1		1.138		48.1	50.1	-4.0	
Acetonitrile	Ave	0.0771	0.0733		475	500	-4.9	
Methyl acetate	Ave	0.0557	0.0651		292	250	16.8	
Methylene Chloride	Lin2		0.3871		49.7	49.9	-0.4	
t-Butyl alcohol	Ave	0.0085	0.0083		244	250	-2.5	
Methyl tert-butyl ether	Ave	1.050	1.072		51.0	50.0	2.1	
trans-1,2-Dichloroethene	Ave	0.4910	0.4484		45.7	50.0	-8.7	
Acrylonitrile	Ave	0.0668	0.0680		255	250	1.9	
Hexane	Lin1		0.3030		37.0	50.1	-26.1	
1,1-Dichloroethane	Ave	0.8025	0.7577	0.1000	47.2	50.0	-5.6	
Diisopropyl ether	Ave	1.154	1.171		50.8	50.0	1.5	
Vinyl acetate	Qua1		0.0176		76.0	252	-69.8	
Ethyl t-butyl ether	Ave	0.4753	0.5045		53.1	50.0	6.1	
2,2-Dichloropropane	Ave	0.6821	0.4496		33.0	50.0	-34.1	
cis-1,2-Dichloroethene	Ave	0.4689	0.4505		48.1	50.1	-3.9	
2-Butanone	Ave	0.0054	0.0062		284	250	13.8	
Ethyl acetate	Ave	0.0218	0.0249		288	251	14.5	
Methacrylonitrile	Ave	0.0754	0.0901		303	253	19.6	
Chlorobromomethane	Qua2		0.2320		54.0	50.1	7.8	
Tetrahydrofuran	Lin1		0.0223		300	250	19.8	
Chloroform	Ave	0.7491	0.7694		51.4	50.0	2.7	20.0
1,1,1-Trichloroethane	Ave	0.7093	0.7419		52.3	50.0	4.6	
Cyclohexane	Lin1		0.5702		44.6	50.0	-10.8	
1,1-Dichloropropene	Ave	0.6074	0.5828		47.5	49.5	-4.0	
Carbon tetrachloride	Ave	0.6175	0.6364		51.6	50.1	3.1	
Isobutanol	Ave	0.0029	0.0022			499	-22.8	
Benzene	Ave	1.581	1.561		49.3	50.0	-1.3	
1,2-Dichloroethane	Ave	0.5141	0.5581		54.3	50.0	8.6	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82301/3 Calibration Date: 03/15/2011 12:20

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134558.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.8029	0.9304		57.9	50.0	15.9	
n-Butyl alcohol	Lin1		0.0010			500	-35.1	
Trichloroethene	Ave	0.3183	0.3284		51.6	50.0	3.2	
Methylcyclohexane	Ave	0.3693	0.3259		44.1	50.0	-11.8	
1,2-Dichloropropane	Ave	0.2562	0.2574		51.4	51.1	0.5	20.0
Dibromomethane	Ave	0.1535	0.1695		55.5	50.3	10.4	
Dichlorobromomethane	Ave	0.2982	0.3412		57.3	50.0	14.4	
2-Chloroethyl vinyl ether	Lin1		0.1082		285	252	13.2	
cis-1,3-Dichloropropene	Ave	0.3075	0.3428		55.3	49.6	11.5	
4-Methyl-2-pentanone	Lin1		0.0327		261	250	4.4	
Toluene	Ave	0.999	1.009		50.5	50.0	1.1	20.0
trans-1,3-Dichloropropene	Ave	0.2105	0.2407		58.3	51.0	14.3	
1,1,2-Trichloroethane	Ave	0.1224	0.1368		56.0	50.1	11.7	
Tetrachloroethene	Qua1		0.3954		86.5	50.1	72.7	
1,3-Dichloropropane	Ave	0.2197	0.2564		58.3	50.0	16.7	
2-Hexanone	Lin1		0.0230		225	250	-10.2	
Chlorodibromomethane	Ave	0.1156	0.1431		61.4	49.6	23.7	
Ethylene Dibromide	Ave	0.1114	0.1237		55.7	50.2	11.0	
Chlorobenzene	Qua1		2.306	0.3000	53.7	49.9	7.7	
1,1,1,2-Tetrachloroethane	Ave	0.6680	0.8383		62.9	50.2	25.5	
Ethylbenzene	Ave	3.858	4.195		54.3	50.0	8.7	20.0
m-Xylene & p-Xylene	Ave	2.752	3.049		111	100	10.8	
o-Xylene	Ave	2.378	2.713		57.1	50.0	14.1	
Styrene	Lin1		1.858		53.4	50.2	6.5	
Bromoform	Ave	0.2423	0.2663	0.1000	55.8	50.8	9.9	
Isopropylbenzene	Lin1		2.774		52.7	50.0	5.4	
cis-1,4-Dichloro-2-butene	Lin1		0.1413		208	250	-16.8	
1,1,2,2-Tetrachloroethane	Ave	0.4343	0.3812	0.3000	44.0	50.1	-12.2	
Bromobenzene	Ave	0.7025	0.6938		49.7	50.4	-1.2	
1,2,3-Trichloropropane	Ave	0.1466	0.1442		49.7	50.5	-1.6	
trans-1,4-Dichloro-2-butene	Ave	0.1207	0.1097		227	250	-9.1	
N-Propylbenzene	Lin1		3.061		52.0	50.0	4.1	
2-Chlorotoluene	Ave	0.5814	0.6159		53.2	50.2	5.9	
1,3,5-Trimethylbenzene	Lin		2.072		52.6	50.0	5.1	
4-Chlorotoluene	Ave	0.5937	0.6267		52.9	50.1	5.6	
tert-Butylbenzene	Lin1		1.593		51.7	50.0	3.5	
1,2,4-Trimethylbenzene	Lin1		1.948		50.3	50.3	-0.0	
sec-Butylbenzene	Lin1		1.933		48.1	50.1	-3.8	
4-Isopropyltoluene	Lin1		1.628		47.0	50.0	-5.9	
1,3-Dichlorobenzene	Ave	1.162	1.138		49.0	50.0	-2.1	
1,4-Dichlorobenzene	Ave	1.218	1.137		46.6	50.0	-6.7	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82301/3 Calibration Date: 03/15/2011 12:20

Instrument ID: TAC043 Calib Start Date: 03/10/2011 19:13

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/10/2011 22:50

Lab File ID: VB00134558.D Conc. Units: ug/Kg Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Ethyl-1-Hexanol	Qua1		0.0196		1180	1250	-5.3	
n-Butylbenzene	Lin1		0.3606		45.0	50.0	-9.9	
1,2-Dichlorobenzene	Ave	1.089	1.020		46.8	50.0	-6.4	
Hexachloroethane	Ave	0.2191	0.2183		50.0	50.2	-0.3	
1,2-Dibromo-3-Chloropropane	Ave	0.0778	0.0745			50.2	-4.2	
1,3,5-Trichlorobenzene	Lin1		0.6440		44.6	50.0	-10.9	
1,2,4-Trichlorobenzene	Ave	0.6434	0.5303		40.9	49.6	-17.6	
Hexachlorobutadiene	Ave	0.2911	0.2395		41.1	50.0	-17.7	
Naphthalene	Qua1		1.068		43.2	50.1	-13.7	
1,2,3-Trichlorobenzene	Ave	0.5365	0.4874		45.1	49.6	-9.1	
Fluorobenzene (Surr)	Ave	1.384	1.404		10.2	10.0	1.5	
Trifluorotoluene (Surr)	Ave	0.5386	0.5011		46.5	50.0	-6.9	
Toluene-d8 (Surr)	Ave	0.9517	0.9823		10.3	10.0	3.2	
Ethylbenzene-d10	Ave	1.332	1.420		10.7	10.0	6.5	
4-Bromofluorobenzene (Surr)	Ave	0.8720	0.9441		10.8	10.0	8.3	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82175/1-A

Matrix: Solid | Lab File ID: VB00134478.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/12/2011 18:33

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		40	10
74-87-3	Chloromethane	ND		400	100
75-01-4	Vinyl chloride	ND		8.0	2.0
74-83-9	Bromomethane	ND		140	35
75-00-3	Chloroethane	ND		400	100
75-69-4	Trichlorofluoromethane	ND		40	10
75-35-4	1,1-Dichloroethene	ND		20	5.0
75-09-2	Methylene Chloride	ND		40	10
156-60-5	trans-1,2-Dichloroethene	ND		40	10
75-34-3	1,1-Dichloroethane	ND		40	10
594-20-7	2,2-Dichloropropane	ND		40	10
156-59-2	cis-1,2-Dichloroethene	ND		40	10
74-97-5	Chlorobromomethane	ND		40	12
67-66-3	Chloroform	ND		40	10
71-55-6	1,1,1-Trichloroethane	ND		40	10
56-23-5	Carbon tetrachloride	ND		20	5.0
563-58-6	1,1-Dichloropropene	ND		40	10
71-43-2	Benzene	ND		16	4.0
107-06-2	1,2-Dichloroethane	ND		40	10
79-01-6	Trichloroethene	ND		16	4.0
78-87-5	1,2-Dichloropropane	ND		12	3.9
74-95-3	Dibromomethane	ND		40	10
75-27-4	Dichlorobromomethane	ND		40	10
10061-01-5	cis-1,3-Dichloropropene	ND		16	4.0
108-88-3	Toluene	ND		40	10
10061-02-6	trans-1,3-Dichloropropene	ND		16	4.0
79-00-5	1,1,2-Trichloroethane	ND		12	3.0
127-18-4	Tetrachloroethene	7.01	J	20	5.0
142-28-9	1,3-Dichloropropane	ND		40	10
124-48-1	Chlorodibromomethane	ND		40	10
106-93-4	Ethylene Dibromide	ND		40	10
108-90-7	Chlorobenzene	16.7	J	40	10
100-41-4	Ethylbenzene	ND		40	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		40	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82175/1-A

Matrix: Solid | Lab File ID: VB00134478.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/12/2011 18:33

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		40	10
95-47-6	o-Xylene	ND		40	10
100-42-5	Styrene	ND		40	10
75-25-2	Bromoform	ND		40	11
98-82-8	Isopropylbenzene	ND		40	10
108-86-1	Bromobenzene	ND		40	10
103-65-1	N-Propylbenzene	ND		40	10
96-18-4	1,2,3-Trichloropropane	ND		40	12
95-49-8	2-Chlorotoluene	ND		40	10
108-67-8	1,3,5-Trimethylbenzene	ND		40	10
106-43-4	4-Chlorotoluene	ND		40	13
98-06-6	tert-Butylbenzene	ND		40	10
95-63-6	1,2,4-Trimethylbenzene	ND		40	10
135-98-8	sec-Butylbenzene	ND		40	10
541-73-1	1,3-Dichlorobenzene	ND		40	10
99-87-6	4-Isopropyltoluene	ND		40	10
106-46-7	1,4-Dichlorobenzene	ND		40	10
104-51-8	n-Butylbenzene	ND		40	10
95-50-1	1,2-Dichlorobenzene	ND		40	10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	66
120-82-1	1,2,4-Trichlorobenzene	ND		40	10
87-61-6	1,2,3-Trichlorobenzene	ND		40	10
87-68-3	Hexachlorobutadiene	28.7	J	40	10
91-20-3	Naphthalene	ND		40	10
1634-04-4	Methyl tert-butyl ether	ND		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		75-125
2037-26-5	Toluene-d8 (Surr)	91		85-115
25837-05-2	Ethylbenzene-d10	115		75-125
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82175/1-A

Matrix: Solid | Lab File ID: VB00134561.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/15/2011 13:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		40	10
74-87-3	Chloromethane	ND		400	100
75-01-4	Vinyl chloride	ND		8.0	2.0
74-83-9	Bromomethane	ND		140	35
75-00-3	Chloroethane	ND		400	100
75-69-4	Trichlorofluoromethane	ND		40	10
75-35-4	1,1-Dichloroethene	ND		20	5.0
75-09-2	Methylene Chloride	ND		40	10
156-60-5	trans-1,2-Dichloroethene	ND		40	10
75-34-3	1,1-Dichloroethane	ND		40	10
594-20-7	2,2-Dichloropropane	ND		40	10
156-59-2	cis-1,2-Dichloroethene	ND		40	10
74-97-5	Chlorobromomethane	ND		40	12
67-66-3	Chloroform	17.5	J	40	10
71-55-6	1,1,1-Trichloroethane	ND		40	10
56-23-5	Carbon tetrachloride	ND		20	5.0
563-58-6	1,1-Dichloropropene	ND		40	10
71-43-2	Benzene	ND		16	4.0
107-06-2	1,2-Dichloroethane	ND		40	10
79-01-6	Trichloroethene	ND		16	4.0
78-87-5	1,2-Dichloropropane	ND		12	3.9
74-95-3	Dibromomethane	ND		40	10
75-27-4	Dichlorobromomethane	ND		40	10
10061-01-5	cis-1,3-Dichloropropene	ND		16	4.0
108-88-3	Toluene	ND		40	10
10061-02-6	trans-1,3-Dichloropropene	ND		16	4.0
79-00-5	1,1,2-Trichloroethane	ND		12	3.0
127-18-4	Tetrachloroethene	7.64	J	20	5.0
142-28-9	1,3-Dichloropropane	ND		40	10
124-48-1	Chlorodibromomethane	ND		40	10
106-93-4	Ethylene Dibromide	ND		40	10
108-90-7	Chlorobenzene	ND		40	10
100-41-4	Ethylbenzene	ND		40	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		40	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82175/1-A

Matrix: Solid | Lab File ID: VB00134561.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/15/2011 13:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82301 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		40	10
95-47-6	o-Xylene	ND		40	10
100-42-5	Styrene	ND		40	10
75-25-2	Bromoform	ND		40	11
98-82-8	Isopropylbenzene	ND		40	10
108-86-1	Bromobenzene	ND		40	10
103-65-1	N-Propylbenzene	ND		40	10
96-18-4	1,2,3-Trichloropropane	ND		40	12
95-49-8	2-Chlorotoluene	ND		40	10
108-67-8	1,3,5-Trimethylbenzene	ND		40	10
106-43-4	4-Chlorotoluene	ND		40	13
98-06-6	tert-Butylbenzene	ND		40	10
95-63-6	1,2,4-Trimethylbenzene	ND		40	10
135-98-8	sec-Butylbenzene	ND		40	10
541-73-1	1,3-Dichlorobenzene	ND		40	10
99-87-6	4-Isopropyltoluene	ND		40	10
106-46-7	1,4-Dichlorobenzene	ND		40	10
104-51-8	n-Butylbenzene	ND		40	10
95-50-1	1,2-Dichlorobenzene	ND		40	10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	66
120-82-1	1,2,4-Trichlorobenzene	ND		40	10
87-61-6	1,2,3-Trichlorobenzene	ND		40	10
87-68-3	Hexachlorobutadiene	28.3	J	40	10
91-20-3	Naphthalene	ND		40	10
1634-04-4	Methyl tert-butyl ether	ND		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	100		75-125
2037-26-5	Toluene-d8 (Surr)	90		85-115
25837-05-2	Ethylbenzene-d10	107		75-125
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120
98-08-8	Trifluorotoluene (Surr)	110		75-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82176/1-A

Matrix: Solid | Lab File ID: VB00134479.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/12/2011 18:55

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		40	10
74-87-3	Chloromethane	ND		400	100
75-01-4	Vinyl chloride	ND		8.0	2.0
74-83-9	Bromomethane	ND		140	35
75-00-3	Chloroethane	ND		400	100
75-69-4	Trichlorofluoromethane	ND		40	10
75-35-4	1,1-Dichloroethene	ND		20	5.0
75-09-2	Methylene Chloride	ND		40	10
156-60-5	trans-1,2-Dichloroethene	ND		40	10
75-34-3	1,1-Dichloroethane	ND		40	10
594-20-7	2,2-Dichloropropane	ND		40	10
156-59-2	cis-1,2-Dichloroethene	ND		40	10
74-97-5	Chlorobromomethane	ND		40	12
67-66-3	Chloroform	ND		40	10
71-55-6	1,1,1-Trichloroethane	ND		40	10
56-23-5	Carbon tetrachloride	ND		20	5.0
563-58-6	1,1-Dichloropropene	ND		40	10
71-43-2	Benzene	ND		16	4.0
107-06-2	1,2-Dichloroethane	ND		40	10
79-01-6	Trichloroethene	ND		16	4.0
78-87-5	1,2-Dichloropropane	ND		12	3.9
74-95-3	Dibromomethane	ND		40	10
75-27-4	Dichlorobromomethane	ND		40	10
10061-01-5	cis-1,3-Dichloropropene	ND		16	4.0
108-88-3	Toluene	ND		40	10
10061-02-6	trans-1,3-Dichloropropene	ND		16	4.0
79-00-5	1,1,2-Trichloroethane	ND		12	3.0
127-18-4	Tetrachloroethene	ND		20	5.0
142-28-9	1,3-Dichloropropane	ND		40	10
124-48-1	Chlorodibromomethane	ND		40	10
106-93-4	Ethylene Dibromide	ND		40	10
108-90-7	Chlorobenzene	ND		40	10
100-41-4	Ethylbenzene	ND		40	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		40	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82176/1-A

Matrix: Solid | Lab File ID: VB00134479.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/12/2011 18:55

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		40	10
95-47-6	o-Xylene	ND		40	10
100-42-5	Styrene	ND		40	10
75-25-2	Bromoform	ND		40	11
98-82-8	Isopropylbenzene	ND		40	10
108-86-1	Bromobenzene	ND		40	10
103-65-1	N-Propylbenzene	ND		40	10
96-18-4	1,2,3-Trichloropropane	ND		40	12
95-49-8	2-Chlorotoluene	ND		40	10
108-67-8	1,3,5-Trimethylbenzene	ND		40	10
106-43-4	4-Chlorotoluene	ND		40	13
98-06-6	tert-Butylbenzene	ND		40	10
95-63-6	1,2,4-Trimethylbenzene	ND		40	10
135-98-8	sec-Butylbenzene	ND		40	10
541-73-1	1,3-Dichlorobenzene	ND		40	10
99-87-6	4-Isopropyltoluene	ND		40	10
106-46-7	1,4-Dichlorobenzene	ND		40	10
104-51-8	n-Butylbenzene	ND		40	10
95-50-1	1,2-Dichlorobenzene	ND		40	10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	66
120-82-1	1,2,4-Trichlorobenzene	ND		40	10
87-61-6	1,2,3-Trichlorobenzene	ND		40	10
87-68-3	Hexachlorobutadiene	ND		40	10
91-20-3	Naphthalene	ND		40	10
1634-04-4	Methyl tert-butyl ether	ND		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	93		85-115
25837-05-2	Ethylbenzene-d10	119		75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82176/1-A

Matrix: Solid | Lab File ID: VB00134512.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 12:51

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		40	10
74-87-3	Chloromethane	ND		400	100
75-01-4	Vinyl chloride	ND		8.0	2.0
74-83-9	Bromomethane	ND		140	35
75-00-3	Chloroethane	ND		400	100
75-69-4	Trichlorofluoromethane	ND		40	10
75-35-4	1,1-Dichloroethene	ND		20	5.0
75-09-2	Methylene Chloride	ND		40	10
156-60-5	trans-1,2-Dichloroethene	ND		40	10
75-34-3	1,1-Dichloroethane	ND		40	10
594-20-7	2,2-Dichloropropane	ND		40	10
156-59-2	cis-1,2-Dichloroethene	ND		40	10
74-97-5	Chlorobromomethane	ND		40	12
67-66-3	Chloroform	ND		40	10
71-55-6	1,1,1-Trichloroethane	ND		40	10
56-23-5	Carbon tetrachloride	ND		20	5.0
563-58-6	1,1-Dichloropropene	ND		40	10
71-43-2	Benzene	ND		16	4.0
107-06-2	1,2-Dichloroethane	ND		40	10
79-01-6	Trichloroethene	ND		16	4.0
78-87-5	1,2-Dichloropropane	ND		12	3.9
74-95-3	Dibromomethane	ND		40	10
75-27-4	Dichlorobromomethane	ND		40	10
10061-01-5	cis-1,3-Dichloropropene	ND		16	4.0
108-88-3	Toluene	ND		40	10
10061-02-6	trans-1,3-Dichloropropene	ND		16	4.0
79-00-5	1,1,2-Trichloroethane	ND		12	3.0
127-18-4	Tetrachloroethene	7.59	J	20	5.0
142-28-9	1,3-Dichloropropane	ND		40	10
124-48-1	Chlorodibromomethane	ND		40	10
106-93-4	Ethylene Dibromide	ND		40	10
108-90-7	Chlorobenzene	ND		40	10
100-41-4	Ethylbenzene	ND		40	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		40	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82176/1-A

Matrix: Solid | Lab File ID: VB00134512.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/13/2011 12:51

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82177 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		40	10
95-47-6	o-Xylene	ND		40	10
100-42-5	Styrene	ND		40	10
75-25-2	Bromoform	ND		40	11
98-82-8	Isopropylbenzene	ND		40	10
108-86-1	Bromobenzene	ND		40	10
103-65-1	N-Propylbenzene	ND		40	10
96-18-4	1,2,3-Trichloropropane	ND		40	12
95-49-8	2-Chlorotoluene	ND		40	10
108-67-8	1,3,5-Trimethylbenzene	ND		40	10
106-43-4	4-Chlorotoluene	ND		40	13
98-06-6	tert-Butylbenzene	ND		40	10
95-63-6	1,2,4-Trimethylbenzene	ND		40	10
135-98-8	sec-Butylbenzene	ND		40	10
541-73-1	1,3-Dichlorobenzene	ND		40	10
99-87-6	4-Isopropyltoluene	ND		40	10
106-46-7	1,4-Dichlorobenzene	ND		40	10
104-51-8	n-Butylbenzene	ND		40	10
95-50-1	1,2-Dichlorobenzene	ND		40	10
96-12-8	1,2-Dibromo-3-Chloropropane	ND		200	66
120-82-1	1,2,4-Trichlorobenzene	ND		40	10
87-61-6	1,2,3-Trichlorobenzene	ND		40	10
87-68-3	Hexachlorobutadiene	24.8	J	40	10
91-20-3	Naphthalene	ND		40	10
1634-04-4	Methyl tert-butyl ether	ND		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		75-125
2037-26-5	Toluene-d8 (Surr)	92		85-115
25837-05-2	Ethylbenzene-d10	119		75-125
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
98-08-8	Trifluorotoluene (Surr)	105		75-125

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82175/2-A

Matrix: Solid | Lab File ID: VB00134480.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/12/2011 19:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	902		20	5.0
71-43-2	Benzene	931		16	4.0
79-01-6	Trichloroethene	912		16	4.0
108-88-3	Toluene	910		40	10
108-90-7	Chlorobenzene	1260		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	92		85-115
25837-05-2	Ethylbenzene-d10	128	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82176/2-A

Matrix: Solid | Lab File ID: VB00134481.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 03/12/2011 19:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	772		20	5.0
71-43-2	Benzene	817		16	4.0
79-01-6	Trichloroethene	808		16	4.0
108-88-3	Toluene	776		40	10
108-90-7	Chlorobenzene	1090		40	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	92		85-115
25837-05-2	Ethylbenzene-d10	126	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) MS | Lab Sample ID: 580-24938-1 MS

Matrix: Solid | Lab File ID: VB00134484.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:30

Sample wt/vol: 17.03(g) | Date Analyzed: 03/12/2011 20:46

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		30	7.5
74-87-3	Chloromethane	ND		300	75
75-01-4	Vinyl chloride	ND		6.0	1.5
74-83-9	Bromomethane	ND		100	26
75-00-3	Chloroethane	ND		300	75
75-69-4	Trichlorofluoromethane	ND		30	7.5
75-35-4	1,1-Dichloroethene	513		15	3.7
75-09-2	Methylene Chloride	ND		30	7.5
156-60-5	trans-1,2-Dichloroethene	ND		30	7.5
75-34-3	1,1-Dichloroethane	ND		30	7.5
594-20-7	2,2-Dichloropropane	ND		30	7.5
156-59-2	cis-1,2-Dichloroethene	ND		30	7.5
74-97-5	Chlorobromomethane	ND		30	9.0
67-66-3	Chloroform	ND		30	7.5
71-55-6	1,1,1-Trichloroethane	ND		30	7.5
56-23-5	Carbon tetrachloride	ND		15	3.7
563-58-6	1,1-Dichloropropene	ND		30	7.5
71-43-2	Benzene	548		12	3.0
107-06-2	1,2-Dichloroethane	ND		30	7.5
79-01-6	Trichloroethene	530		12	3.0
78-87-5	1,2-Dichloropropane	ND		9.0	2.9
74-95-3	Dibromomethane	ND		30	7.5
75-27-4	Dichlorobromomethane	ND		30	7.5
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.0
108-88-3	Toluene	517		30	7.5
10061-02-6	trans-1,3-Dichloropropene	ND		12	3.0
79-00-5	1,1,2-Trichloroethane	ND		9.0	2.2
127-18-4	Tetrachloroethene	ND		15	3.7
142-28-9	1,3-Dichloropropane	ND		30	7.5
124-48-1	Chlorodibromomethane	ND		30	7.5
106-93-4	Ethylene Dibromide	ND		30	7.5
108-90-7	Chlorobenzene	753		30	7.5
100-41-4	Ethylbenzene	ND		30	7.5
630-20-6	1,1,1,2-Tetrachloroethane	ND		30	7.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.5	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) MS | Lab Sample ID: 580-24938-1 MS

Matrix: Solid | Lab File ID: VB00134484.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:30

Sample wt/vol: 17.03(g) | Date Analyzed: 03/12/2011 20:46

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		30	7.5
95-47-6	o-Xylene	ND		30	7.5
100-42-5	Styrene	ND		30	7.5
75-25-2	Bromoform	ND		30	8.2
98-82-8	Isopropylbenzene	ND		30	7.5
108-86-1	Bromobenzene	ND		30	7.5
103-65-1	N-Propylbenzene	ND		30	7.5
96-18-4	1,2,3-Trichloropropane	ND		30	8.7
95-49-8	2-Chlorotoluene	ND		30	7.5
108-67-8	1,3,5-Trimethylbenzene	ND		30	7.5
106-43-4	4-Chlorotoluene	ND		30	9.7
98-06-6	tert-Butylbenzene	ND		30	7.5
95-63-6	1,2,4-Trimethylbenzene	ND		30	7.5
135-98-8	sec-Butylbenzene	ND		30	7.5
541-73-1	1,3-Dichlorobenzene	ND		30	7.5
99-87-6	4-Isopropyltoluene	ND		30	7.5
106-46-7	1,4-Dichlorobenzene	ND		30	7.5
104-51-8	n-Butylbenzene	ND		30	7.5
95-50-1	1,2-Dichlorobenzene	ND		30	7.5
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	49
120-82-1	1,2,4-Trichlorobenzene	ND		30	7.5
87-61-6	1,2,3-Trichlorobenzene	ND		30	7.5
87-68-3	Hexachlorobutadiene	ND		30	7.5
91-20-3	Naphthalene	ND		30	7.5
1634-04-4	Methyl tert-butyl ether	ND		30	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	91		85-115
25837-05-2	Ethylbenzene-d10	134	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) MS | Lab Sample ID: 580-24938-21 MS

Matrix: Solid | Lab File ID: VB00134487.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:30

Sample wt/vol: 16.00(g) | Date Analyzed: 03/12/2011 21:52

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 31.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		37	9.2
74-87-3	Chloromethane	ND		370	92
75-01-4	Vinyl chloride	ND		7.4	1.8
74-83-9	Bromomethane	ND		130	32
75-00-3	Chloroethane	ND		370	92
75-69-4	Trichlorofluoromethane	ND		37	9.2
75-35-4	1,1-Dichloroethene	723		18	4.6
75-09-2	Methylene Chloride	ND		37	9.2
156-60-5	trans-1,2-Dichloroethene	ND		37	9.2
75-34-3	1,1-Dichloroethane	ND		37	9.2
594-20-7	2,2-Dichloropropane	ND		37	9.2
156-59-2	cis-1,2-Dichloroethene	ND		37	9.2
74-97-5	Chlorobromomethane	ND		37	11
67-66-3	Chloroform	ND		37	9.2
71-55-6	1,1,1-Trichloroethane	ND		37	9.2
56-23-5	Carbon tetrachloride	ND		18	4.6
563-58-6	1,1-Dichloropropene	ND		37	9.2
71-43-2	Benzene	766		15	3.7
107-06-2	1,2-Dichloroethane	ND		37	9.2
79-01-6	Trichloroethene	747		15	3.7
78-87-5	1,2-Dichloropropane	ND		11	3.6
74-95-3	Dibromomethane	ND		37	9.2
75-27-4	Dichlorobromomethane	ND		37	9.2
10061-01-5	cis-1,3-Dichloropropene	ND		15	3.7
108-88-3	Toluene	725		37	9.2
10061-02-6	trans-1,3-Dichloropropene	ND		15	3.7
79-00-5	1,1,2-Trichloroethane	ND		11	2.8
127-18-4	Tetrachloroethene	ND		18	4.6
142-28-9	1,3-Dichloropropane	ND		37	9.2
124-48-1	Chlorodibromomethane	ND		37	9.2
106-93-4	Ethylene Dibromide	ND		37	9.2
108-90-7	Chlorobenzene	1060		37	9.2
100-41-4	Ethylbenzene	ND		37	9.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		37	9.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		9.2	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) MS | Lab Sample ID: 580-24938-21 MS

Matrix: Solid | Lab File ID: VB00134487.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:30

Sample wt/vol: 16.00(g) | Date Analyzed: 03/12/2011 21:52

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 31.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		37	9.2
95-47-6	o-Xylene	ND		37	9.2
100-42-5	Styrene	ND		37	9.2
75-25-2	Bromoform	ND		37	10
98-82-8	Isopropylbenzene	ND		37	9.2
108-86-1	Bromobenzene	ND		37	9.2
103-65-1	N-Propylbenzene	ND		37	9.2
96-18-4	1,2,3-Trichloropropane	ND		37	11
95-49-8	2-Chlorotoluene	ND		37	9.2
108-67-8	1,3,5-Trimethylbenzene	ND		37	9.2
106-43-4	4-Chlorotoluene	ND		37	12
98-06-6	tert-Butylbenzene	ND		37	9.2
95-63-6	1,2,4-Trimethylbenzene	ND		37	9.2
135-98-8	sec-Butylbenzene	ND		37	9.2
541-73-1	1,3-Dichlorobenzene	ND		37	9.2
99-87-6	4-Isopropyltoluene	ND		37	9.2
106-46-7	1,4-Dichlorobenzene	ND		37	9.2
104-51-8	n-Butylbenzene	ND		37	9.2
95-50-1	1,2-Dichlorobenzene	ND		37	9.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		180	61
120-82-1	1,2,4-Trichlorobenzene	ND		37	9.2
87-61-6	1,2,3-Trichlorobenzene	ND		37	9.2
87-68-3	Hexachlorobutadiene	ND		37	9.2
91-20-3	Naphthalene	ND		37	9.2
1634-04-4	Methyl tert-butyl ether	ND		37	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	92		85-115
25837-05-2	Ethylbenzene-d10	131	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	104		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) MSD | Lab Sample ID: 580-24938-1 MSD

Matrix: Solid | Lab File ID: VB00134485.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:30

Sample wt/vol: 17.03(g) | Date Analyzed: 03/12/2011 21:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		30	7.5
74-87-3	Chloromethane	ND		300	75
75-01-4	Vinyl chloride	ND		6.0	1.5
74-83-9	Bromomethane	ND		100	26
75-00-3	Chloroethane	ND		300	75
75-69-4	Trichlorofluoromethane	ND		30	7.5
75-35-4	1,1-Dichloroethene	444		15	3.7
75-09-2	Methylene Chloride	ND		30	7.5
156-60-5	trans-1,2-Dichloroethene	ND		30	7.5
75-34-3	1,1-Dichloroethane	ND		30	7.5
594-20-7	2,2-Dichloropropane	ND		30	7.5
156-59-2	cis-1,2-Dichloroethene	ND		30	7.5
74-97-5	Chlorobromomethane	ND		30	9.0
67-66-3	Chloroform	ND		30	7.5
71-55-6	1,1,1-Trichloroethane	ND		30	7.5
56-23-5	Carbon tetrachloride	ND		15	3.7
563-58-6	1,1-Dichloropropene	ND		30	7.5
71-43-2	Benzene	479		12	3.0
107-06-2	1,2-Dichloroethane	ND		30	7.5
79-01-6	Trichloroethene	464		12	3.0
78-87-5	1,2-Dichloropropane	ND		9.0	2.9
74-95-3	Dibromomethane	ND		30	7.5
75-27-4	Dichlorobromomethane	ND		30	7.5
10061-01-5	cis-1,3-Dichloropropene	ND		12	3.0
108-88-3	Toluene	454		30	7.5
10061-02-6	trans-1,3-Dichloropropene	ND		12	3.0
79-00-5	1,1,2-Trichloroethane	ND		9.0	2.2
127-18-4	Tetrachloroethene	5.35	J	15	3.7
142-28-9	1,3-Dichloropropane	ND		30	7.5
124-48-1	Chlorodibromomethane	ND		30	7.5
106-93-4	Ethylene Dibromide	ND		30	7.5
108-90-7	Chlorobenzene	632		30	7.5
100-41-4	Ethylbenzene	ND		30	7.5
630-20-6	1,1,1,2-Tetrachloroethane	ND		30	7.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		7.5	2.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) MSD | Lab Sample ID: 580-24938-1 MSD

Matrix: Solid | Lab File ID: VB00134485.D

Analysis Method: 8260B | Date Collected: 03/10/2011 15:30

Sample wt/vol: 17.03(g) | Date Analyzed: 03/12/2011 21:08

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 20.7 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		30	7.5
95-47-6	o-Xylene	ND		30	7.5
100-42-5	Styrene	ND		30	7.5
75-25-2	Bromoform	ND		30	8.2
98-82-8	Isopropylbenzene	ND		30	7.5
108-86-1	Bromobenzene	ND		30	7.5
103-65-1	N-Propylbenzene	ND		30	7.5
96-18-4	1,2,3-Trichloropropane	ND		30	8.7
95-49-8	2-Chlorotoluene	ND		30	7.5
108-67-8	1,3,5-Trimethylbenzene	ND		30	7.5
106-43-4	4-Chlorotoluene	ND		30	9.7
98-06-6	tert-Butylbenzene	ND		30	7.5
95-63-6	1,2,4-Trimethylbenzene	ND		30	7.5
135-98-8	sec-Butylbenzene	ND		30	7.5
541-73-1	1,3-Dichlorobenzene	ND		30	7.5
99-87-6	4-Isopropyltoluene	ND		30	7.5
106-46-7	1,4-Dichlorobenzene	ND		30	7.5
104-51-8	n-Butylbenzene	ND		30	7.5
95-50-1	1,2-Dichlorobenzene	ND		30	7.5
96-12-8	1,2-Dibromo-3-Chloropropane	ND		150	49
120-82-1	1,2,4-Trichlorobenzene	ND		30	7.5
87-61-6	1,2,3-Trichlorobenzene	ND		30	7.5
87-68-3	Hexachlorobutadiene	ND		30	7.5
91-20-3	Naphthalene	ND		30	7.5
1634-04-4	Methyl tert-butyl ether	ND		30	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		75-125
2037-26-5	Toluene-d8 (Surr)	91		85-115
25837-05-2	Ethylbenzene-d10	125		75-125
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) MSD | Lab Sample ID: 580-24938-21 MSD

Matrix: Solid | Lab File ID: VB00134488.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:30

Sample wt/vol: 16.00(g) | Date Analyzed: 03/12/2011 22:14

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 31.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		37	9.2
74-87-3	Chloromethane	ND		370	92
75-01-4	Vinyl chloride	ND		7.4	1.8
74-83-9	Bromomethane	ND		130	32
75-00-3	Chloroethane	ND		370	92
75-69-4	Trichlorofluoromethane	ND		37	9.2
75-35-4	1,1-Dichloroethene	708		18	4.6
75-09-2	Methylene Chloride	ND		37	9.2
156-60-5	trans-1,2-Dichloroethene	ND		37	9.2
75-34-3	1,1-Dichloroethane	ND		37	9.2
594-20-7	2,2-Dichloropropane	ND		37	9.2
156-59-2	cis-1,2-Dichloroethene	ND		37	9.2
74-97-5	Chlorobromomethane	ND		37	11
67-66-3	Chloroform	ND		37	9.2
71-55-6	1,1,1-Trichloroethane	ND		37	9.2
56-23-5	Carbon tetrachloride	ND		18	4.6
563-58-6	1,1-Dichloropropene	ND		37	9.2
71-43-2	Benzene	769		15	3.7
107-06-2	1,2-Dichloroethane	ND		37	9.2
79-01-6	Trichloroethene	755		15	3.7
78-87-5	1,2-Dichloropropane	ND		11	3.6
74-95-3	Dibromomethane	ND		37	9.2
75-27-4	Dichlorobromomethane	ND		37	9.2
10061-01-5	cis-1,3-Dichloropropene	ND		15	3.7
108-88-3	Toluene	728		37	9.2
10061-02-6	trans-1,3-Dichloropropene	ND		15	3.7
79-00-5	1,1,2-Trichloroethane	ND		11	2.8
127-18-4	Tetrachloroethene	ND		18	4.6
142-28-9	1,3-Dichloropropane	ND		37	9.2
124-48-1	Chlorodibromomethane	ND		37	9.2
106-93-4	Ethylene Dibromide	ND		37	9.2
108-90-7	Chlorobenzene	1050		37	9.2
100-41-4	Ethylbenzene	ND		37	9.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		37	9.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		9.2	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) MSD | Lab Sample ID: 580-24938-21 MSD

Matrix: Solid | Lab File ID: VB00134488.D

Analysis Method: 8260B | Date Collected: 03/11/2011 09:30

Sample wt/vol: 16.00(g) | Date Analyzed: 03/12/2011 22:14

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 400(mL) | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: 31.4 | Level: (low/med) Medium

Analysis Batch No.: 82178 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		37	9.2
95-47-6	o-Xylene	ND		37	9.2
100-42-5	Styrene	ND		37	9.2
75-25-2	Bromoform	ND		37	10
98-82-8	Isopropylbenzene	ND		37	9.2
108-86-1	Bromobenzene	ND		37	9.2
103-65-1	N-Propylbenzene	ND		37	9.2
96-18-4	1,2,3-Trichloropropane	ND		37	11
95-49-8	2-Chlorotoluene	ND		37	9.2
108-67-8	1,3,5-Trimethylbenzene	ND		37	9.2
106-43-4	4-Chlorotoluene	ND		37	12
98-06-6	tert-Butylbenzene	ND		37	9.2
95-63-6	1,2,4-Trimethylbenzene	ND		37	9.2
135-98-8	sec-Butylbenzene	ND		37	9.2
541-73-1	1,3-Dichlorobenzene	ND		37	9.2
99-87-6	4-Isopropyltoluene	ND		37	9.2
106-46-7	1,4-Dichlorobenzene	ND		37	9.2
104-51-8	n-Butylbenzene	ND		37	9.2
95-50-1	1,2-Dichlorobenzene	ND		37	9.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		180	61
120-82-1	1,2,4-Trichlorobenzene	ND		37	9.2
87-61-6	1,2,3-Trichlorobenzene	ND		37	9.2
87-68-3	Hexachlorobutadiene	ND		37	9.2
91-20-3	Naphthalene	ND		37	9.2
1634-04-4	Methyl tert-butyl ether	ND		37	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		75-125
2037-26-5	Toluene-d8 (Surr)	90		85-115
25837-05-2	Ethylbenzene-d10	130	X	75-125
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Start Date: 03/10/2011 18:49

Analysis Batch Number: 82074 End Date: 03/11/2011 00:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-82074/2		03/10/2011 18:49	1	VB00134395.D	ZB-624short 0.18(mm)
STD02 580-82074/3 IC		03/10/2011 19:13	1	VB00134397.D	ZB-624short 0.18(mm)
STD1 580-82074/4 IC		03/10/2011 19:37	1	VB00134399.D	ZB-624short 0.18(mm)
STD2 580-82074/5 IC		03/10/2011 20:01	1	VB00134401.D	ZB-624short 0.18(mm)
STD5 580-82074/6 IC		03/10/2011 20:25	1	VB00134403.D	ZB-624short 0.18(mm)
STD10 580-82074/7 IC		03/10/2011 20:50	1	VB00134405.D	ZB-624short 0.18(mm)
STD20 580-82074/8 IC		03/10/2011 21:14	1	VB00134407.D	ZB-624short 0.18(mm)
STD50 580-82074/9 ICIS		03/10/2011 21:38	1	VB00134409.D	ZB-624short 0.18(mm)
STD100 580-82074/10 IC		03/10/2011 22:02	1	VB00134411.D	ZB-624short 0.18(mm)
STD150 580-82074/11 IC		03/10/2011 22:26	1	VB00134413.D	ZB-624short 0.18(mm)
STD200 580-82074/12 IC		03/10/2011 22:50	1	VB00134415.D	ZB-624short 0.18(mm)
ZZZZZ		03/10/2011 23:15	1		ZB-624short 0.18(mm)
ICV 580-82074/14		03/10/2011 23:39	1	VB00134419.D	ZB-624short 0.18(mm)
ICV 580-82074/15		03/11/2011 00:03	1	VB00134421.D	ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 00:27	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 00:51	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Start Date: 03/13/2011 11:22

Analysis Batch Number: 82177 End Date: 03/13/2011 23:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-82177/1		03/13/2011 11:22	1	VB00134508.D	ZB-624short 0.18(mm)
CCVIS 580-82177/2		03/13/2011 11:45	1	VB00134509.D	ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 12:07	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 12:29	1		ZB-624short 0.18(mm)
MB 580-82176/1-A		03/13/2011 12:51	1	VB00134512.D	ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 13:13	1		ZB-624short 0.18(mm)
580-24938-40	YK-Methanol Blank	03/13/2011 13:35	1	VB00134514.D	ZB-624short 0.18(mm)
580-24938-22	YK-SB18(0-1)	03/13/2011 13:57	1	VB00134515.D	ZB-624short 0.18(mm)
580-24938-23	YK-SB18(3-4)	03/13/2011 14:20	1	VB00134516.D	ZB-624short 0.18(mm)
580-24938-24	YK-MW-6(0-1)	03/13/2011 14:42	1	VB00134517.D	ZB-624short 0.18(mm)
580-24938-25	YK-SB07(3-4)	03/13/2011 15:04	1	VB00134518.D	ZB-624short 0.18(mm)
580-24938-26	YK-SB01(0-1)	03/13/2011 15:26	1	VB00134519.D	ZB-624short 0.18(mm)
580-24938-27	YK-SB01(4-5)	03/13/2011 15:48	1	VB00134520.D	ZB-624short 0.18(mm)
580-24938-28	YK-SB02(0-1)	03/13/2011 16:10	1	VB00134521.D	ZB-624short 0.18(mm)
580-24938-29	YK-SB02(3-4)	03/13/2011 16:32	1	VB00134522.D	ZB-624short 0.18(mm)
580-24938-30	YK-SB03(0-1)	03/13/2011 16:54	1	VB00134523.D	ZB-624short 0.18(mm)
580-24938-31	YK-SB03(3-4)	03/13/2011 17:17	1	VB00134524.D	ZB-624short 0.18(mm)
580-24938-32	YK-SB04(0-1)	03/13/2011 17:39	1	VB00134525.D	ZB-624short 0.18(mm)
580-24938-33	YK-SB04(4-5)	03/13/2011 18:01	1	VB00134526.D	ZB-624short 0.18(mm)
580-24938-34	YK-SB13(0-1)	03/13/2011 18:23	1	VB00134527.D	ZB-624short 0.18(mm)
580-24938-35	YK-SB13(7-8)	03/13/2011 18:45	1	VB00134528.D	ZB-624short 0.18(mm)
580-24938-36	YK-SB11(0-1)	03/13/2011 19:07	1	VB00134529.D	ZB-624short 0.18(mm)
580-24938-37	YK-SB11(3-4)	03/13/2011 19:29	1	VB00134530.D	ZB-624short 0.18(mm)
580-24938-38	YK-SB12(0-1)	03/13/2011 19:51	1	VB00134531.D	ZB-624short 0.18(mm)
580-24938-39	YK-SB10(0-1)	03/13/2011 20:14	1	VB00134532.D	ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 20:36	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 20:58	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 21:20	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 21:43	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 22:05	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 22:27	5000		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 22:49	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 23:11	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 23:33	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Start Date: 03/12/2011 16:42

Analysis Batch Number: 82178 End Date: 03/13/2011 11:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/12/2011 16:42	1		ZB-624short 0.18(mm)
BFB 580-82178/2		03/12/2011 17:04	1	VB00134474.D	ZB-624short 0.18(mm)
CCVIS 580-82178/3		03/12/2011 17:26	1	VB00134475.D	ZB-624short 0.18(mm)
ZZZZZ		03/12/2011 17:48	1		ZB-624short 0.18(mm)
ZZZZZ		03/12/2011 18:10	1		ZB-624short 0.18(mm)
MB 580-82175/1-A		03/12/2011 18:33	1	VB00134478.D	ZB-624short 0.18(mm)
MB 580-82176/1-A		03/12/2011 18:55	1	VB00134479.D	ZB-624short 0.18(mm)
LCS 580-82175/2-A		03/12/2011 19:17	1	VB00134480.D	ZB-624short 0.18(mm)
LCS 580-82176/2-A		03/12/2011 19:39	1	VB00134481.D	ZB-624short 0.18(mm)
580-24938-9	YK-Methanol Blank	03/12/2011 20:01	1	VB00134482.D	ZB-624short 0.18(mm)
580-24938-1	YK-SB08(0-1)	03/12/2011 20:24	1	VB00134483.D	ZB-624short 0.18(mm)
580-24938-1 MS	YK-SB08(0-1) MS	03/12/2011 20:46	1	VB00134484.D	ZB-624short 0.18(mm)
580-24938-1 MSD	YK-SB08(0-1) MSD	03/12/2011 21:08	1	VB00134485.D	ZB-624short 0.18(mm)
580-24938-21	YK-SB17(3-4)	03/12/2011 21:30	1	VB00134486.D	ZB-624short 0.18(mm)
580-24938-21 MS	YK-SB17(3-4) MS	03/12/2011 21:52	1	VB00134487.D	ZB-624short 0.18(mm)
580-24938-21 MSD	YK-SB17(3-4) MSD	03/12/2011 22:14	1	VB00134488.D	ZB-624short 0.18(mm)
580-24938-2	YK-SB08(4-5)	03/12/2011 22:37	1	VB00134489.D	ZB-624short 0.18(mm)
580-24938-3	YK-SB14(0-1)	03/12/2011 22:59	1	VB00134490.D	ZB-624short 0.18(mm)
580-24938-4	YK-SB14(4-5)	03/12/2011 23:21	1	VB00134491.D	ZB-624short 0.18(mm)
580-24938-5	YK-SB06(0-1)	03/12/2011 23:43	1	VB00134492.D	ZB-624short 0.18(mm)
580-24938-6	YK-SB06(4-5)	03/13/2011 00:05	1	VB00134493.D	ZB-624short 0.18(mm)
580-24938-7	YK-SB15(0-1)	03/13/2011 00:28	1	VB00134494.D	ZB-624short 0.18(mm)
580-24938-8	YK-SB15(4-5)	03/13/2011 00:50	1	VB00134495.D	ZB-624short 0.18(mm)
580-24938-10	YK-MW-6(4-5)	03/13/2011 01:12	1	VB00134496.D	ZB-624short 0.18(mm)
580-24938-11	YK-MW-6(4-5)D	03/13/2011 01:34	1	VB00134497.D	ZB-624short 0.18(mm)
580-24938-12	YK-SB07(0-1)	03/13/2011 01:56	1	VB00134498.D	ZB-624short 0.18(mm)
580-24938-13	YK-MW-7(0-1)	03/13/2011 03:19	1	VB00134499.D	ZB-624short 0.18(mm)
580-24938-14	YK-MW-7(4-5)	03/13/2011 03:41	1	VB00134500.D	ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 09:09	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 09:32	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 09:54	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 10:16	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 10:38	1		ZB-624short 0.18(mm)
ZZZZZ		03/13/2011 11:00	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC043 Start Date: 03/15/2011 11:36

Analysis Batch Number: 82301 End Date: 03/15/2011 15:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/15/2011 11:36	1		ZB-624short 0.18(mm)
BFB 580-82301/2		03/15/2011 11:58	1	VB00134557.D	ZB-624short 0.18(mm)
CCVIS 580-82301/3		03/15/2011 12:20	1	VB00134558.D	ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 12:43	1		ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 13:05	1		ZB-624short 0.18(mm)
MB 580-82175/1-A		03/15/2011 13:32	1	VB00134561.D	ZB-624short 0.18(mm)
580-24938-15 RA	YK-MW-5(0-1) RA	03/15/2011 13:54	1	VB00134562.D	ZB-624short 0.18(mm)
580-24938-16 RA	YK-MW-5(2-3) RA	03/15/2011 14:17	1	VB00134563.D	ZB-624short 0.18(mm)
580-24938-17 RA	YK-SB16(0-1) RA	03/15/2011 14:39	1	VB00134564.D	ZB-624short 0.18(mm)
580-24938-18 RA	YK-SB16(3-4) RA	03/15/2011 15:01	1	VB00134565.D	ZB-624short 0.18(mm)
580-24938-19 RA	YK-SB17(0-1) RA	03/15/2011 15:23	1	VB00134566.D	ZB-624short 0.18(mm)
580-24938-20 RA	YK-SB17(0-1)D RA	03/15/2011 15:46	1	VB00134567.D	ZB-624short 0.18(mm)

GC/MS VOA Worksheet

Batch Number: 580-82175
Method: 5035
Analyst: Ryan, Tiffany

Date Open: Mar 12 2011 5:04PM
Batch End: Mar 12 2011 5:07PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Baked Sand_00006	V-4TFT-EX_00030	V_LCS_SL_50_00004
MB~580-82175/1		5035, 8260B		10 g	400 mL	10 mL	10 mL	
LCS~580-82175/2		5035, 8260B		10 g	400 mL	10 mL	10 mL	160 uL
580-24938-B-1	YK-SB08(0-1)	5035, 8260B	T	17.03 g	400 mL			
580-24938-B-2	YK-SB08(4-5)	5035, 8260B	T	15.53 g	400 mL			
580-24938-B-3	YK-SB14(0-1)	5035, 8260B	T	21.54 g	400 mL			
580-24938-B-4	YK-SB14(4-5)	5035, 8260B	T	20.01 g	400 mL			
580-24938-B-5	YK-SB06(0-1)	5035, 8260B	T	15.59 g	400 mL			
580-24938-B-6	YK-SB06(4-5)	5035, 8260B	T	18.72 g	400 mL			
580-24938-B-7	YK-SB15(0-1)	5035, 8260B	T	16.71 g	400 mL			
580-24938-B-8	YK-SB15(4-5)	5035, 8260B	T	18.98 g	400 mL			
580-24938-B-9	YK-Methanol Blank	5035, 8260B	T	10 g	400 mL			
580-24938-B-10	YK-MW-6(4-5)	5035, 8260B	T	21.44 g	400 mL			
580-24938-B-11	YK-MW-6(4-5)D	5035, 8260B	T	22.72 g	400 mL			
580-24938-B-12	YK-SB07(0-1)	5035, 8260B	T	19.12 g	400 mL			
580-24938-B-13	YK-MW-7(0-1)	5035, 8260B	T	19.02 g	400 mL			
580-24938-B-14	YK-MW-7(4-5)	5035, 8260B	T	17.22 g	400 mL			
580-24938-B-15	YK-MW-5(0-1)	5035, 8260B	T	17.76 g	400 mL			
580-24938-B-16	YK-MW-5(2-3)	5035, 8260B	T	21.51 g	400 mL			
580-24938-B-17	YK-SB16(0-1)	5035, 8260B	T	18.72 g	400 mL			
580-24938-B-18	YK-SB16(3-4)	5035, 8260B	T	18.35 g	400 mL			
580-24938-B-19	YK-SB17(0-1)	5035, 8260B	T	16.47 g	400 mL			
580-24938-B-20	YK-SB17(0-1)D	5035, 8260B	T	17.80 g	400 mL			

Balance ID: SEA210

GC/MS VOA Worksheet

Batch Number: 580-82175
Method: 5035
Analyst: Ryan, Tiffany

Date Open: Mar 12 2011 5:04PM
Batch End: Mar 12 2011 5:07PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~580-82175/1		5035, 8260B		
LCS~580-82175/2		5035, 8260B		
580-24938-B-1	YK-SB08(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-2	YK-SB08(4-5)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-3	YK-SB14(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-4	YK-SB14(4-5)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-5	YK-SB06(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-6	YK-SB06(4-5)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-7	YK-SB15(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-8	YK-SB15(4-5)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-9	YK-Methanol Blank	5035, 8260B	T	TB ESS MeOH Lot DB322
580-24938-B-10	YK-MW-6(4-5)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-11	YK-MW-6(4-5)D	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-12	YK-SB07(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-13	YK-MW-7(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-14	YK-MW-7(4-5)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-15	YK-MW-5(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-16	YK-MW-5(2-3)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-17	YK-SB16(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-18	YK-SB16(3-4)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-19	YK-SB17(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-20	YK-SB17(0-1)D	5035, 8260B	T	ESS MeOH Lot DB322

GC/MS VOA Worksheet

Batch Number: 580-82176
Method: 5035
Analyst: Ryan, Tiffany

Date Open: Mar 12 2011 5:07PM
Batch End: Mar 12 2011 5:11PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Baked Sand_00006	V-4TFT-EX_00030	V_LCS_SL_50_00004
MB~580-82176/1		5035, 8260B		10 g	400 mL	10 mL	10 mL	
LCS~580-82176/2		5035, 8260B		10 g	400 mL	10 mL	10 mL	160 uL
580-24938-B-21	YK-SB17(3-4)	5035, 8260B	T	16.00 g	400 mL			
580-24938-B-22	YK-SB18(0-1)	5035, 8260B	T	18.52 g	400 mL			
580-24938-B-23	YK-SB18(3-4)	5035, 8260B	T	19.15 g	400 mL			
580-24938-B-24	YK-MW-6(0-1)	5035, 8260B	T	18.92 g	400 mL			
580-24938-B-25	YK-SB07(3-4)	5035, 8260B	T	16.96 g	400 mL			
580-24938-B-26	YK-SB01(0-1)	5035, 8260B	T	16.68 g	400 mL			
580-24938-B-27	YK-SB01(4-5)	5035, 8260B	T	22.02 g	400 mL			
580-24938-B-28	YK-SB02(0-1)	5035, 8260B	T	18.40 g	400 mL			
580-24938-B-29	YK-SB02(3-4)	5035, 8260B	T	16.83 g	400 mL			
580-24938-B-30	YK-SB03(0-1)	5035, 8260B	T	17.94 g	400 mL			
580-24938-B-31	YK-SB03(3-4)	5035, 8260B	T	16.06 g	400 mL			
580-24938-B-32	YK-SB04(0-1)	5035, 8260B	T	19.50 g	400 mL			
580-24938-B-33	YK-SB04(4-5)	5035, 8260B	T	22.42 g	400 mL			
580-24938-B-34	YK-SB13(0-1)	5035, 8260B	T	23.58 g	400 mL			
580-24938-B-35	YK-SB13(7-8)	5035, 8260B	T	20.66 g	400 mL			
580-24938-B-36	YK-SB11(0-1)	5035, 8260B	T	30.16 g	400 mL			
580-24938-B-37	YK-SB11(3-4)	5035, 8260B	T	14.05 g	400 mL			
580-24938-B-38	YK-SB12(0-1)	5035, 8260B	T	15.94 g	400 mL			
580-24938-A-39	YK-SB10(0-1)	5035, 8260B	T	26.90 g	400 mL			
580-24938-A-40	YK-Methanol Blank	5035, 8260B	T	10 g	400 mL			

Balance ID: SEA210

GC/MS VOA Worksheet

Batch Number: 580-82176
Method: 5035
Analyst: Ryan, Tiffany

Date Open: Mar 12 2011 5:07PM
Batch End: Mar 12 2011 5:11PM

Lab ID	Client ID	Method Chain	Basis	Comments Analysis comment
MB~580-82176/1		5035, 8260B		
LCS~580-82176/2		5035, 8260B		
580-24938-B-21	YK-SB17(3-4)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-22	YK-SB18(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-23	YK-SB18(3-4)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-24	YK-MW-6(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-25	YK-SB07(3-4)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-26	YK-SB01(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-27	YK-SB01(4-5)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-28	YK-SB02(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-29	YK-SB02(3-4)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-30	YK-SB03(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-31	YK-SB03(3-4)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-32	YK-SB04(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-33	YK-SB04(4-5)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-34	YK-SB13(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-35	YK-SB13(7-8)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-36	YK-SB11(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-37	YK-SB11(3-4)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-B-38	YK-SB12(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-A-39	YK-SB10(0-1)	5035, 8260B	T	ESS MeOH Lot DB322
580-24938-A-40	YK-Methanol Blank	5035, 8260B	T	TB ESS MeOH Lot DB322

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
YK-SB08(0-1)	580-24938-1	97	86	91	77	79	71
YK-SB08(4-5)	580-24938-2	113	98	93	72	81	68
YK-SB14(0-1)	580-24938-3	98	89	85	72	80	71
YK-SB14(4-5)	580-24938-4	98	84	91	59	77	65
YK-SB06(0-1)	580-24938-5	97	86	92	75	83	72
YK-SB06(4-5)	580-24938-6	108	87	94	76	72	66
YK-SB15(0-1)	580-24938-7	96	84	91	78	76	74
YK-SB15(4-5)	580-24938-8	102	87	93	82	79	78
YK-MW-6(4-5)	580-24938-10	102	88	91	81	81	81
YK-MW-6(4-5)D	580-24938-11	97	83	88	66	75	67
YK-SB07(0-1)	580-24938-12	99	78	92	81	84	78
YK-MW-7(0-1)	580-24938-13	103	81	92	67	80	73
YK-MW-7(4-5)	580-24938-14	101	90	91	70	76	73
YK-MW-5(0-1)	580-24938-15	105	92	96	80	89	77
YK-MW-5(2-3)	580-24938-16	118	101	101	89	85	85
YK-SB16(0-1)	580-24938-17	86	81	90	70	80	72
YK-SB16(3-4)	580-24938-18	101	90	92	81	77	80
YK-SB17(0-1)	580-24938-19	112	99	97	78	84	78
YK-SB17(0-1)D	580-24938-20	110	101	96	88	87	85
YK-SB17(3-4)	580-24938-21	143	143	152 X	131	123	116
YK-SB18(0-1)	580-24938-22	126	121	130	114	111	95
YK-SB18(3-4)	580-24938-23	93	91	99	84	78	78
YK-MW-6(0-1)	580-24938-24	92	88	90	80	75	68
YK-SB07(3-4)	580-24938-25	92	91	92	85	76	73
YK-SB01(0-1)	580-24938-26	94	90	98	84	93	71
YK-SB01(4-5)	580-24938-27	86	88	86	77	76	71
YK-SB02(0-1)	580-24938-28	97	92	99	87	81	75
YK-SB02(3-4)	580-24938-29	100	98	106	90	77	80
YK-SB03(0-1)	580-24938-30	101	95	102	93	93	85
YK-SB03(3-4)	580-24938-31	108	111	107	103	88	87
YK-SB04(0-1)	580-24938-32	94	92	96	88	80	80
YK-SB04(4-5)	580-24938-33	97	94	97	87	77	78
YK-SB13(0-1)	580-24938-34	109	106	101	98	86	81
YK-SB13(7-8)	580-24938-35	115	107	117	106	94	94
YK-SB11(0-1)	580-24938-36	98	92	96	94	81	83

	QC LIMITS
2FP = 2-Fluorophenol	36-145
PHL = Phenol-d5	38-149
NBZ = Nitrobenzene-d5	38-141
FBP = 2-Fluorobiphenyl	42-140
TBP = 2,4,6-Tribromophenol	28-143
TPH = Terphenyl-d14	42-151

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
YK-SB11(3-4)	580-24938-37	106	102	100	96	78	79
YK-SB12(0-1)	580-24938-38	115	110	115	106	101	91
YK-SB10(0-1)	580-24938-39	93	53	94	90	82	74
	MB 580-82163/1-A	94	81	92	83	71	74
	MB 580-82166/1-A	90	89	87	86	68	72
	LCS 580-82163/2-A	88	81	95	79	80	71
	LCS 580-82166/2-A	85	86	84	81	79	69
	LCSD 580-82163/3-A	94	91	100	84	88	79
	LCSD 580-82166/3-A	94	95	90	91	91	75
YK-SB14(4-5) MS	580-24938-4 MS	94	86	99	76	88	51
YK-SB18(0-1) MS	580-24938-22 MS	113	114	112	103	102	77
YK-SB14(4-5) MSD	580-24938-4 MSD	98	86	93	60	82	28 X
YK-SB18(0-1) MSD	580-24938-22 MSD	94	95	97	83	78	57

	QC LIMITS
2FP = 2-Fluorophenol	36-145
PHL = Phenol-d5	38-149
NBZ = Nitrobenzene-d5	38-141
FBP = 2-Fluorobiphenyl	42-140
TBP = 2,4,6-Tribromophenol	28-143
TPH = Terphenyl-d14	42-151

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: FT004076.D

Lab ID: LCS 580-82163/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	986	979	99	66-126	
Bis(2-chloroethyl)ether	1000	756	76	57-122	
2-Chlorophenol	1000	876	87	65-125	
1,3-Dichlorobenzene	999	791	79	64-124	
1,4-Dichlorobenzene	1000	884	88	62-132	
Benzyl alcohol	1000	806	81	42-147	
1,2-Dichlorobenzene	999	847	85	68-118	
2-Methylphenol	1000	985	98	56-121	
3 & 4 Methylphenol	1010	939	93	61-126	
N-Nitrosodi-n-propylamine	995	954	96	52-127	
Hexachloroethane	1000	894	89	56-131	
Nitrobenzene	1000	1200	120	59-134	
Isophorone	1000	1160	116	53-118	
2-Nitrophenol	1020	958	94	58-128	
2,4-Dimethylphenol	982	956	97	58-133	
Benzoic acid	5010	3740	75	10-130	
Bis(2-chloroethoxy)methane	1000	893	89	63-128	
2,4-Dichlorophenol	983	875	89	59-124	
1,2,4-Trichlorobenzene	1010	828	82	63-128	
Naphthalene	987	865	88	64-129	
4-Chloroaniline	1010	572	57	20-181	
Hexachlorobutadiene	1010	885	88	59-134	
4-Chloro-3-methylphenol	1010	941	93	58-128	
2-Methylnaphthalene	1010	892	88	65-125	
Hexachlorocyclopentadiene	999	762	76	30-132	
2,4,6-Trichlorophenol	1000	940	94	66-131	
2,4,5-Trichlorophenol	1000	1020	101	64-124	
2-Chloronaphthalene	1000	864	86	69-129	
2-Nitroaniline	1010	1210	120	58-133	
Dimethyl phthalate	1010	892	89	65-125	
Acenaphthylene	990	940	95	69-129	
2,6-Dinitrotoluene	1000	1140	114	65-125	
3-Nitroaniline	1000	846	84	80-165	
Acenaphthene	988	849	86	65-130	
2,4-Dinitrophenol	4990	4010	81	53-168	
4-Nitrophenol	4970	5060	102	47-172	
Dibenzofuran	1000	882	88	70-125	
2,4-Dinitrotoluene	1000	1270	127	57-122	*
Diethyl phthalate	1000	869	87	64-129	
4-Chlorophenyl phenyl ether	1000	836	83	65-130	
Fluorene	996	864	87	68-128	
4-Nitroaniline	1000	900	90	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: FT004076.D

Lab ID: LCS 580-82163/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	5030	3970	79	38-143	
N-Nitrosodiphenylamine	998	869	87	88-153	*
4-Bromophenyl phenyl ether	1000	827	83	64-134	
Hexachlorobenzene	1000	792	79	61-136	
Pentachlorophenol	984	771	78	29-124	
Phenanthrene	997	845	85	65-125	
Anthracene	994	855	86	73-123	
Di-n-butyl phthalate	1000	843	84	69-124	
Fluoranthene	996	873	88	61-121	
Pyrene	1000	859	86	54-134	
Butyl benzyl phthalate	1000	756	75	65-140	
3,3'-Dichlorobenzidine	2000	1190	60	73-163	*
Benzo[a]anthracene	991	742	75	64-124	
Chrysene	991	799	81	71-126	
Bis(2-ethylhexyl) phthalate	1010	777 J	77	64-144	
Di-n-octyl phthalate	1000	853	85	58-148	
Benzo[a]pyrene	990	782	79	68-128	
Indeno[1,2,3-cd]pyrene	997	643	65	59-139	
Dibenz(a,h)anthracene	999	662	66	57-142	
Benzo[g,h,i]perylene	992	644	65	57-142	
Carbazole	1000	931	93	88-158	
1-Methylnaphthalene	994	866	87	48-148	
Benzo[b]fluoranthene	989	807	82	66-136	
Benzo[k]fluoranthene	988	813	82	63-143	
2,2'-oxybis[1-chloropropane]	999	995	100	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024457.D

Lab ID: LCS 580-82166/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	986	901	91	66-126	
Bis(2-chloroethyl)ether	1000	672	67	57-122	
2-Chlorophenol	1000	871	87	65-125	
1,3-Dichlorobenzene	999	897	90	64-124	
1,4-Dichlorobenzene	1000	896	89	62-132	
Benzyl alcohol	1000	659	66	42-147	
1,2-Dichlorobenzene	999	898	90	68-118	
2-Methylphenol	1000	916	91	56-121	
3 & 4 Methylphenol	1010	969	96	61-126	
N-Nitrosodi-n-propylamine	995	961	97	52-127	
Hexachloroethane	1000	896	90	56-131	
Nitrobenzene	1000	1150	115	59-134	
Isophorone	1000	1130	113	53-118	
2-Nitrophenol	1020	852	84	58-128	
2,4-Dimethylphenol	982	865	88	58-133	
Benzoic acid	5010	2620	52	10-130	
Bis(2-chloroethoxy)methane	1000	874	87	63-128	
2,4-Dichlorophenol	983	863	88	59-124	
1,2,4-Trichlorobenzene	1010	870	86	63-128	
Naphthalene	987	901	91	64-129	
4-Chloroaniline	1010	608	60	20-181	
Hexachlorobutadiene	1010	885	88	59-134	
4-Chloro-3-methylphenol	1010	891	88	58-128	
2-Methylnaphthalene	1010	953	94	65-125	
Hexachlorocyclopentadiene	999	748	75	30-132	
2,4,6-Trichlorophenol	1000	855	85	66-131	
2,4,5-Trichlorophenol	1000	960	96	64-124	
2-Chloronaphthalene	1000	884	88	69-129	
2-Nitroaniline	1010	938	93	58-133	
Dimethyl phthalate	1010	933	93	65-125	
Acenaphthylene	990	953	96	69-129	
2,6-Dinitrotoluene	1000	1080	108	65-125	
3-Nitroaniline	1000	835	83	80-165	
Acenaphthene	988	857	87	65-130	
2,4-Dinitrophenol	4990	3100	62	53-168	
4-Nitrophenol	4970	4140	83	47-172	
Dibenzofuran	1000	882	88	70-125	
2,4-Dinitrotoluene	1000	1110	111	57-122	
Diethyl phthalate	1000	869	87	64-129	
4-Chlorophenyl phenyl ether	1000	842	84	65-130	
Fluorene	996	877	88	68-128	
4-Nitroaniline	1000	917	92	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024457.D

Lab ID: LCS 580-82166/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	5030	3200	64	38-143	
N-Nitrosodiphenylamine	998	937	94	88-153	
4-Bromophenyl phenyl ether	1000	820	82	64-134	
Hexachlorobenzene	1000	827	82	61-136	
Pentachlorophenol	984	734	75	29-124	
Phenanthrene	997	827	83	65-125	
Anthracene	994	886	89	73-123	
Di-n-butyl phthalate	1000	833	83	69-124	
Fluoranthene	996	884	89	61-121	
Pyrene	1000	841	84	54-134	
Butyl benzyl phthalate	1000	922	92	65-140	
3,3'-Dichlorobenzidine	2000	1470	73	73-163	
Benzo[a]anthracene	991	820	83	64-124	
Chrysene	991	805	81	71-126	
Bis(2-ethylhexyl) phthalate	1010	870 J	86	64-144	
Di-n-octyl phthalate	1000	920	92	58-148	
Benzo[a]pyrene	990	881	89	68-128	
Indeno[1,2,3-cd]pyrene	997	765	77	59-139	
Dibenz(a,h)anthracene	999	782	78	57-142	
Benzo[g,h,i]perylene	992	688	69	57-142	
Carbazole	1000	925	92	88-158	
1-Methylnaphthalene	994	892	90	48-148	
Benzo[b]fluoranthene	989	862	87	66-136	
Benzo[k]fluoranthene	988	874	88	63-143	
2,2'-oxybis[1-chloropropane]	999	901	90	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: FT004077.D

Lab ID: LCSD 580-82163/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	986	874	89	11	26	66-126	
Bis(2-chloroethyl)ether	1000	916	91	19	60	57-122	
2-Chlorophenol	1000	889	89	1	27	65-125	
1,3-Dichlorobenzene	999	899	90	13	60	64-124	
1,4-Dichlorobenzene	1000	907	91	3	32	62-132	
Benzyl alcohol	1000	927	93	14	60	42-147	
1,2-Dichlorobenzene	999	894	89	5	60	68-118	
2-Methylphenol	1000	1130	113	14	25	56-121	
3 & 4 Methylphenol	1010	1050	104	11	27	61-126	
N-Nitrosodi-n-propylamine	995	1070	107	11	28	52-127	
Hexachloroethane	1000	902	90	1	60	56-131	
Nitrobenzene	1000	1300	130	8	60	59-134	
Isophorone	1000	1210	121	2	60	53-118	*
2-Nitrophenol	1020	1010	99	5	60	58-128	
2,4-Dimethylphenol	982	992	101	4	60	58-133	
Benzoic acid	5010	3970	79	6	60	10-130	
Bis(2-chloroethoxy)methane	1000	964	96	8	60	63-128	
2,4-Dichlorophenol	983	918	93	5	60	59-124	
1,2,4-Trichlorobenzene	1010	900	89	8	28	63-128	
Naphthalene	987	907	92	5	26	64-129	
4-Chloroaniline	1010	626	62	9	60	20-181	
Hexachlorobutadiene	1010	915	91	3	60	59-134	
4-Chloro-3-methylphenol	1010	1040	103	10	27	58-128	
2-Methylnaphthalene	1010	900	89	1	27	65-125	
Hexachlorocyclopentadiene	999	706	71	8	60	30-132	
2,4,6-Trichlorophenol	1000	939	94	0	60	66-131	
2,4,5-Trichlorophenol	1000	996	99	2	60	64-124	
2-Chloronaphthalene	1000	910	91	5	25	69-129	
2-Nitroaniline	1010	1210	120	0	60	58-133	
Dimethyl phthalate	1010	907	90	2	60	65-125	
Acenaphthylene	990	971	98	3	28	69-129	
2,6-Dinitrotoluene	1000	1150	115	1	60	65-125	
3-Nitroaniline	1000	897	89	6	60	80-165	
Acenaphthene	988	887	90	4	27	65-130	
2,4-Dinitrophenol	4990	4680	94	15	60	53-168	
4-Nitrophenol	4970	5500	111	8	33	47-172	
Dibenzofuran	1000	897	89	2	60	70-125	
2,4-Dinitrotoluene	1000	1230	123	3	31	57-122	*
Diethyl phthalate	1000	900	90	4	26	64-129	
4-Chlorophenyl phenyl ether	1000	885	88	6	60	65-130	
Fluorene	996	895	90	4	31	68-128	
4-Nitroaniline	1000	986	99	9	60	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: FT004077.D

Lab ID: LCSD 580-82163/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	5030	4150	83	4	60	38-143	
N-Nitrosodiphenylamine	998	905	91	4	60	88-153	
4-Bromophenyl phenyl ether	1000	837	84	1	60	64-134	
Hexachlorobenzene	1000	824	82	4	60	61-136	
Pentachlorophenol	984	795	81	3	68	29-124	
Phenanthrene	997	877	88	4	28	65-125	
Anthracene	994	897	90	5	27	73-123	
Di-n-butyl phthalate	1000	886	88	5	60	69-124	
Fluoranthene	996	923	93	6	36	61-121	
Pyrene	1000	898	89	4	31	54-134	
Butyl benzyl phthalate	1000	758	76	0	60	65-140	
3,3'-Dichlorobenzidine	2000	1280	64	7	60	73-163	*
Benzo[a]anthracene	991	794	80	7	27	64-124	
Chrysene	991	816	82	2	26	71-126	
Bis(2-ethylhexyl) phthalate	1010	777 J	77	0	60	64-144	
Di-n-octyl phthalate	1000	807	81	5	31	58-148	
Benzo[a]pyrene	990	831	84	6	30	68-128	
Indeno[1,2,3-cd]pyrene	997	761	76	17	29	59-139	
Dibenz(a,h)anthracene	999	764	76	14	30	57-142	
Benzo[g,h,i]perylene	992	729	73	12	28	57-142	
Carbazole	1000	962	96	3	60	88-158	
1-Methylnaphthalene	994	890	90	3	30	48-148	
Benzo[b]fluoranthene	989	837	85	4	31	66-136	
Benzo[k]fluoranthene	988	827	84	2	31	63-143	
2,2'-oxybis[1-chloropropane]	999	1180	119	17	60	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024458.D

Lab ID: LCSD 580-82166/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	986	976	99	8	26	66-126	
Bis(2-chloroethyl)ether	1000	806	81	18	60	57-122	
2-Chlorophenol	1000	966	96	10	27	65-125	
1,3-Dichlorobenzene	999	957	96	7	60	64-124	
1,4-Dichlorobenzene	1000	1000	100	11	32	62-132	
Benzyl alcohol	1000	740	74	12	60	42-147	
1,2-Dichlorobenzene	999	962	96	7	60	68-118	
2-Methylphenol	1000	1090	109	17	25	56-121	
3 & 4 Methylphenol	1010	1160	115	18	27	61-126	
N-Nitrosodi-n-propylamine	995	1020	103	6	28	52-127	
Hexachloroethane	1000	920	92	3	60	56-131	
Nitrobenzene	1000	1210	121	5	60	59-134	
Isophorone	1000	1200	120	5	60	53-118	*
2-Nitrophenol	1020	883	87	4	60	58-128	
2,4-Dimethylphenol	982	912	93	5	60	58-133	
Benzoic acid	5010	2650	53	1	60	10-130	
Bis(2-chloroethoxy)methane	1000	910	91	4	60	63-128	
2,4-Dichlorophenol	983	891	91	3	60	59-124	
1,2,4-Trichlorobenzene	1010	919	91	5	28	63-128	
Naphthalene	987	955	97	6	26	64-129	
4-Chloroaniline	1010	615	61	1	60	20-181	
Hexachlorobutadiene	1010	915	91	3	60	59-134	
4-Chloro-3-methylphenol	1010	982	97	10	27	58-128	
2-Methylnaphthalene	1010	1010	100	6	27	65-125	
Hexachlorocyclopentadiene	999	830	83	10	60	30-132	
2,4,6-Trichlorophenol	1000	933	93	9	60	66-131	
2,4,5-Trichlorophenol	1000	1020	102	6	60	64-124	
2-Chloronaphthalene	1000	983	98	11	25	69-129	
2-Nitroaniline	1010	1000	100	7	60	58-133	
Dimethyl phthalate	1010	1000	100	7	60	65-125	
Acenaphthylene	990	1030	104	8	28	69-129	
2,6-Dinitrotoluene	1000	1180	118	9	60	65-125	
3-Nitroaniline	1000	861	86	3	60	80-165	
Acenaphthene	988	914	93	6	27	65-130	
2,4-Dinitrophenol	4990	3440	69	11	60	53-168	
4-Nitrophenol	4970	4480	90	8	33	47-172	
Dibenzofuran	1000	977	97	10	60	70-125	
2,4-Dinitrotoluene	1000	1200	120	8	31	57-122	
Diethyl phthalate	1000	934	93	7	26	64-129	
4-Chlorophenyl phenyl ether	1000	906	90	7	60	65-130	
Fluorene	996	975	98	11	31	68-128	
4-Nitroaniline	1000	1080	108	16	60	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024458.D

Lab ID: LCSD 580-82166/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	5030	3610	72	12	60	38-143	
N-Nitrosodiphenylamine	998	1020	102	8	60	88-153	
4-Bromophenyl phenyl ether	1000	920	92	11	60	64-134	
Hexachlorobenzene	1000	881	88	6	60	61-136	
Pentachlorophenol	984	881	90	18	68	29-124	
Phenanthrene	997	921	92	11	28	65-125	
Anthracene	994	961	97	8	27	73-123	
Di-n-butyl phthalate	1000	906	90	8	60	69-124	
Fluoranthene	996	965	97	9	36	61-121	
Pyrene	1000	938	94	11	31	54-134	
Butyl benzyl phthalate	1000	952	95	3	60	65-140	
3,3'-Dichlorobenzidine	2000	1680	84	13	60	73-163	
Benzo[a]anthracene	991	902	91	10	27	64-124	
Chrysene	991	880	89	9	26	71-126	
Bis(2-ethylhexyl) phthalate	1010	905 J	90	4	60	64-144	
Di-n-octyl phthalate	1000	883	88	4	31	58-148	
Benzo[a]pyrene	990	918	93	4	30	68-128	
Indeno[1,2,3-cd]pyrene	997	890	89	15	29	59-139	
Dibenz(a,h)anthracene	999	926	93	17	30	57-142	
Benzo[g,h,i]perylene	992	848	86	21	28	57-142	
Carbazole	1000	1040	104	12	60	88-158	
1-Methylnaphthalene	994	971	98	8	30	48-148	
Benzo[b]fluoranthene	989	895	90	4	31	66-136	
Benzo[k]fluoranthene	988	934	95	7	31	63-143	
2,2'-oxybis[1-chloropropane]	999	998	100	10	60	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: FT004082.D

Lab ID: 580-24938-4 MS Client ID: YK-SB14(4-5) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	1390	ND	1390	100	66-126	
Bis(2-chloroethyl)ether	1410	ND	1250	89	57-122	
2-Chlorophenol	1410	ND	1120	79	65-125	
1,3-Dichlorobenzene	1410	ND	1030	73	64-124	
1,4-Dichlorobenzene	1410	ND	1080	77	62-132	
Benzyl alcohol	1410	ND	1070	76	42-147	
1,2-Dichlorobenzene	1410	ND	1070	76	68-118	
2-Methylphenol	1410	ND	1440	102	56-121	
3 & 4 Methylphenol	1420	ND	1290	91	61-126	
N-Nitrosodi-n-propylamine	1400	ND	1360	97	52-127	
Hexachloroethane	1410	ND	1030	73	56-131	
Nitrobenzene	1410	ND	1690	120	59-134	
Isophorone	1410	ND	1470	104	53-118	
2-Nitrophenol	1440	ND	1360	95	58-128	
2,4-Dimethylphenol	1390	ND	1230	89	58-133	
Benzoic acid	7060	ND	ND	0	10-130	F
Bis(2-chloroethoxy)methane	1410	ND	1240	88	63-128	
2,4-Dichlorophenol	1390	ND	1220	88	59-124	
1,2,4-Trichlorobenzene	1420	ND	915	64	63-128	
Naphthalene	1390	ND	1000	72	64-129	
4-Chloroaniline	1420	ND	1120	78	20-181	
Hexachlorobutadiene	1420	ND	869	61	59-134	
4-Chloro-3-methylphenol	1420	ND	1360	96	58-128	
2-Methylnaphthalene	1430	ND	879	62	65-125	F
Hexachlorocyclopentadiene	1410	ND	621	44	30-132	
2,4,6-Trichlorophenol	1420	ND	1290	91	66-131	
2,4,5-Trichlorophenol	1420	ND	1410	99	64-124	
2-Chloronaphthalene	1410	ND	919	65	69-129	F
2-Nitroaniline	1420	ND	1750	123	58-133	
Dimethyl phthalate	1420	ND	1140	80	65-125	
Acenaphthylene	1400	ND	1010	73	69-129	
2,6-Dinitrotoluene	1410	ND	1510	107	65-125	
3-Nitroaniline	1410	ND	1400	99	80-165	
Acenaphthene	1390	ND	892	64	65-130	F
2,4-Dinitrophenol	7030	ND	999 J	14	53-168	F
4-Nitrophenol	7010	ND	6720	96	47-172	
Dibenzofuran	1420	ND	885	62	70-125	F
2,4-Dinitrotoluene	1410	ND	1570	111	57-122	
Diethyl phthalate	1410	ND	857	61	64-129	F
4-Chlorophenyl phenyl ether	1410	ND	809	57	65-130	F
Fluorene	1400	ND	854	61	68-128	F
4-Nitroaniline	1410	ND	1440	102	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: FT004082.D

Lab ID: 580-24938-4 MS Client ID: YK-SB14(4-5) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	7090	ND	2890	41	38-143	
N-Nitrosodiphenylamine	1410	ND	885	63	88-153	F
4-Bromophenyl phenyl ether	1410	ND	751	53	64-134	F
Hexachlorobenzene	1410	ND	628	44	61-136	F
Pentachlorophenol	1390	ND	885	64	29-124	
Phenanthrene	1410	ND	810	58	65-125	F
Anthracene	1400	ND	807	58	73-123	F
Di-n-butyl phthalate	1410	ND	718	51	69-124	F
Fluoranthene	1400	ND	803	57	61-121	F
Pyrene	1410	ND	804	57	54-134	
Butyl benzyl phthalate	1410	ND	693	49	65-140	F
3,3'-Dichlorobenzidine	2820	ND	1570	56	73-163	F
Benzo[a]anthracene	1400	ND	650	47	64-124	F
Chrysene	1400	ND	706	51	71-126	F
Bis(2-ethylhexyl) phthalate	1420	ND	729 J	51	64-144	F
Di-n-octyl phthalate	1410	ND	800	57	58-148	F
Benzo[a]pyrene	1400	ND	650	47	68-128	F
Indeno[1,2,3-cd]pyrene	1410	ND	545	39	59-139	F
Dibenz(a,h)anthracene	1410	ND	595	42	57-142	F
Benzo[g,h,i]perylene	1400	ND	527	38	57-142	F
Carbazole	1410	ND	1080	76	88-158	F
1-Methylnaphthalene	1400	ND	892	64	48-148	
Benzo[b]fluoranthene	1400	ND	674	48	66-136	F
Benzo[k]fluoranthene	1390	ND	642	46	63-143	F
2,2'-oxybis[1-chloropropane]	1410	ND	1340	95	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024469.D

Lab ID: 580-24938-22 MS Client ID: YK-SB18(0-1) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	1190	ND	1440	121	66-126	
Bis(2-chloroethyl)ether	1210	ND	1220	101	57-122	
2-Chlorophenol	1210	ND	1360	112	65-125	
1,3-Dichlorobenzene	1210	ND	1290	107	64-124	
1,4-Dichlorobenzene	1210	ND	1320	109	62-132	
Benzyl alcohol	1210	ND	789	65	42-147	
1,2-Dichlorobenzene	1210	ND	1310	109	68-118	
2-Methylphenol	1210	ND	1530	126	56-121	F
3 & 4 Methylphenol	1220	ND	1450	119	61-126	
N-Nitrosodi-n-propylamine	1200	ND	1480	124	52-127	
Hexachloroethane	1210	ND	1220	101	56-131	
Nitrobenzene	1210	ND	1680	139	59-134	F
Isophorone	1210	ND	1750	145	53-118	F
2-Nitrophenol	1230	ND	1270	103	58-128	
2,4-Dimethylphenol	1190	ND	1270	107	58-133	
Benzoic acid	6040	ND	ND	0	10-130	F
Bis(2-chloroethoxy)methane	1210	ND	1300	108	63-128	
2,4-Dichlorophenol	1190	ND	1280	108	59-124	
1,2,4-Trichlorobenzene	1220	ND	1250	103	63-128	
Naphthalene	1190	ND	1300	110	64-129	
4-Chloroaniline	1220	ND	1290	106	20-181	
Hexachlorobutadiene	1220	ND	1280	105	59-134	
4-Chloro-3-methylphenol	1220	ND	1350	111	58-128	
2-Methylnaphthalene	1220	ND	1380	113	65-125	
Hexachlorocyclopentadiene	1200	ND	815	68	30-132	
2,4,6-Trichlorophenol	1210	ND	1300	107	66-131	
2,4,5-Trichlorophenol	1210	ND	1360	112	64-124	
2-Chloronaphthalene	1210	ND	1260	105	69-129	
2-Nitroaniline	1220	ND	1360	112	58-133	
Dimethyl phthalate	1210	ND	1340	111	65-125	
Acenaphthylene	1190	ND	1330	111	69-129	
2,6-Dinitrotoluene	1210	ND	1560	130	65-125	F
3-Nitroaniline	1210	ND	1420	117	80-165	
Acenaphthene	1190	ND	1190	100	65-130	
2,4-Dinitrophenol	6020	ND	1560	26	53-168	F
4-Nitrophenol	5990	ND	6580	110	47-172	
Dibenzofuran	1210	ND	1230	101	70-125	
2,4-Dinitrotoluene	1210	ND	1570	130	57-122	F
Diethyl phthalate	1210	ND	1310	108	64-129	
4-Chlorophenyl phenyl ether	1210	ND	1170	97	65-130	
Fluorene	1200	ND	1230	103	68-128	
4-Nitroaniline	1210	ND	1630	135	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024469.D

Lab ID: 580-24938-22 MS Client ID: YK-SB18(0-1) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	6070	ND	3060	50	38-143	
N-Nitrosodiphenylamine	1200	ND	1190	99	88-153	
4-Bromophenyl phenyl ether	1210	ND	1070	89	64-134	
Hexachlorobenzene	1210	ND	1030	85	61-136	
Pentachlorophenol	1190	ND	1130	95	29-124	
Phenanthrene	1200	6.8 J	1110	92	65-125	
Anthracene	1200	ND	1140	95	73-123	
Di-n-butyl phthalate	1210	ND	1110	92	69-124	
Fluoranthene	1200	ND	1150	96	61-121	
Pyrene	1210	ND	1130	93	54-134	
Butyl benzyl phthalate	1210	ND	1240	102	65-140	
3,3'-Dichlorobenzidine	2410	ND	2690	112	73-163	
Benzo[a]anthracene	1200	ND	1080	90	64-124	
Chrysene	1200	ND	1040	87	71-126	
Bis(2-ethylhexyl) phthalate	1210	ND	1190 J	98	64-144	
Di-n-octyl phthalate	1210	ND	1110	92	58-148	
Benzo[a]pyrene	1190	ND	1120	94	68-128	
Indeno[1,2,3-cd]pyrene	1200	ND	1050	87	59-139	
Dibenz(a,h)anthracene	1200	ND	1100	91	57-142	
Benzo[g,h,i]perylene	1200	ND	934	78	57-142	
Carbazole	1210	ND	1350	112	88-158	
1-Methylnaphthalene	1200	ND	1300	108	48-148	
Benzo[b]fluoranthene	1190	ND	1060	89	66-136	
Benzo[k]fluoranthene	1190	ND	1040	88	63-143	
2,2'-oxybis[1-chloropropane]	1200	ND	1420	118	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: FT004083.D

Lab ID: 580-24938-4 MSD Client ID: YK-SB14(4-5) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	1440	1260	87	10	26	66-126	
Bis(2-chloroethyl)ether	1460	1310	89	4	60	57-122	
2-Chlorophenol	1460	1320	90	16	27	65-125	
1,3-Dichlorobenzene	1460	1010	69	1	60	64-124	
1,4-Dichlorobenzene	1460	1060	72	2	32	62-132	
Benzyl alcohol	1460	1070	73	0	60	42-147	
1,2-Dichlorobenzene	1460	1010	69	6	60	68-118	
2-Methylphenol	1460	1490	102	4	25	56-121	
3 & 4 Methylphenol	1480	1440	98	11	27	61-126	
N-Nitrosodi-n-propylamine	1450	1270	87	7	28	52-127	
Hexachloroethane	1460	943	65	9	60	56-131	
Nitrobenzene	1460	1760	121	4	60	59-134	
Isophorone	1460	1430	98	3	60	53-118	
2-Nitrophenol	1490	1460	98	7	60	58-128	
2,4-Dimethylphenol	1440	1200	83	3	60	58-133	
Benzoic acid	7320	ND	0	NC	60	10-130	F
Bis(2-chloroethoxy)methane	1460	1240	85	0	60	63-128	
2,4-Dichlorophenol	1440	1190	83	2	60	59-124	
1,2,4-Trichlorobenzene	1470	804	55	13	28	63-128	F
Naphthalene	1440	920	64	9	26	64-129	
4-Chloroaniline	1480	1120	76	0	60	20-181	
Hexachlorobutadiene	1470	655	44	28	60	59-134	F
4-Chloro-3-methylphenol	1470	1310	89	4	27	58-128	
2-Methylnaphthalene	1480	743	50	17	27	65-125	F
Hexachlorocyclopentadiene	1460	455	31	31	60	30-132	
2,4,6-Trichlorophenol	1470	1280	87	1	60	66-131	
2,4,5-Trichlorophenol	1470	1450	99	3	60	64-124	
2-Chloronaphthalene	1460	768	53	18	25	69-129	F
2-Nitroaniline	1470	1560	106	11	60	58-133	
Dimethyl phthalate	1470	1030	70	10	60	65-125	
Acenaphthylene	1450	839	58	19	28	69-129	F
2,6-Dinitrotoluene	1460	1400	96	7	60	65-125	
3-Nitroaniline	1460	1320	90	6	60	80-165	
Acenaphthene	1440	716	50	22	27	65-130	F
2,4-Dinitrophenol	7290	906 J	12	10	60	53-168	F
4-Nitrophenol	7260	5950	82	12	33	47-172	
Dibenzofuran	1470	704	48	23	60	70-125	F
2,4-Dinitrotoluene	1460	1300	89	19	31	57-122	
Diethyl phthalate	1460	705	48	19	26	64-129	F
4-Chlorophenyl phenyl ether	1460	583	40	32	60	65-130	F
Fluorene	1460	666	46	25	31	68-128	F
4-Nitroaniline	1460	1210	83	17	60	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: FT004083.D

Lab ID: 580-24938-4 MSD Client ID: YK-SB14(4-5) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	7350	2600	35	11	60	38-143	F
N-Nitrosodiphenylamine	1460	742	51	18	60	88-153	F
4-Bromophenyl phenyl ether	1460	603	41	22	60	64-134	F
Hexachlorobenzene	1460	489	33	25	60	61-136	F
Pentachlorophenol	1440	782	54	12	68	29-124	
Phenanthrene	1460	600	41	30	28	65-125	F
Anthracene	1450	607	42	28	27	73-123	F
Di-n-butyl phthalate	1460	562	38	24	60	69-124	F
Fluoranthene	1460	571	39	34	36	61-121	F
Pyrene	1470	566	39	35	31	54-134	F
Butyl benzyl phthalate	1470	643	44	7	60	65-140	F
3,3'-Dichlorobenzidine	2920	1310	45	17	60	73-163	F
Benzo[a]anthracene	1450	503	35	25	27	64-124	F
Chrysene	1450	537	37	27	26	71-126	F
Bis(2-ethylhexyl) phthalate	1470	775 J	53	6	60	64-144	F
Di-n-octyl phthalate	1460	842	57	5	31	58-148	F
Benzo[a]pyrene	1450	454	31	35	30	68-128	F
Indeno[1,2,3-cd]pyrene	1460	398	27	31	29	59-139	F
Dibenz(a,h)anthracene	1460	422	29	34	30	57-142	F
Benzo[g,h,i]perylene	1450	369	25	35	28	57-142	F
Carbazole	1460	920	63	16	60	88-158	F
1-Methylnaphthalene	1450	723	50	21	30	48-148	
Benzo[b]fluoranthene	1450	489	34	32	31	66-136	F
Benzo[k]fluoranthene	1440	455	31	34	31	63-143	F
2,2'-oxybis[1-chloropropane]	1460	1250	86	7	60	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024470.D

Lab ID: 580-24938-22 MSD Client ID: YK-SB18(0-1) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	1230	1250	101	14	26	66-126	
Bis(2-chloroethyl)ether	1250	1050	84	15	60	57-122	
2-Chlorophenol	1250	1200	95	13	27	65-125	
1,3-Dichlorobenzene	1250	1170	94	10	60	64-124	
1,4-Dichlorobenzene	1250	1170	93	12	32	62-132	
Benzyl alcohol	1250	602	48	27	60	42-147	
1,2-Dichlorobenzene	1250	1160	93	12	60	68-118	
2-Methylphenol	1250	1230	98	22	25	56-121	
3 & 4 Methylphenol	1260	1280	101	13	27	61-126	
N-Nitrosodi-n-propylamine	1250	1260	101	17	28	52-127	
Hexachloroethane	1250	1070	85	13	60	56-131	
Nitrobenzene	1250	1440	115	16	60	59-134	
Isophorone	1250	1480	118	16	60	53-118	
2-Nitrophenol	1270	1110	87	13	60	58-128	
2,4-Dimethylphenol	1230	1010	82	22	60	58-133	
Benzoic acid	6270	ND	0	NC	60	10-130	F
Bis(2-chloroethoxy)methane	1250	1140	91	13	60	63-128	
2,4-Dichlorophenol	1230	1060	86	19	60	59-124	
1,2,4-Trichlorobenzene	1260	1060	84	17	28	63-128	
Naphthalene	1240	1100	89	17	26	64-129	
4-Chloroaniline	1260	1110	88	15	60	20-181	
Hexachlorobutadiene	1260	1020	81	22	60	59-134	
4-Chloro-3-methylphenol	1260	1070	85	23	27	58-128	
2-Methylnaphthalene	1270	1110	88	22	27	65-125	
Hexachlorocyclopentadiene	1250	681	54	18	60	30-132	
2,4,6-Trichlorophenol	1260	1070	85	19	60	66-131	
2,4,5-Trichlorophenol	1260	1220	97	10	60	64-124	
2-Chloronaphthalene	1250	1060	85	17	25	69-129	
2-Nitroaniline	1260	1180	93	14	60	58-133	
Dimethyl phthalate	1260	1170	93	14	60	65-125	
Acenaphthylene	1240	1130	91	17	28	69-129	
2,6-Dinitrotoluene	1250	1380	111	12	60	65-125	
3-Nitroaniline	1250	1150	92	21	60	80-165	
Acenaphthene	1240	1010	81	17	27	65-130	
2,4-Dinitrophenol	6240	1130 J	18	32	60	53-168	F
4-Nitrophenol	6220	5420	87	19	33	47-172	
Dibenzofuran	1260	1030	82	17	60	70-125	
2,4-Dinitrotoluene	1250	1320	105	17	31	57-122	
Diethyl phthalate	1250	1050	84	21	26	64-129	
4-Chlorophenyl phenyl ether	1250	987	79	17	60	65-130	
Fluorene	1250	1030	83	18	31	68-128	
4-Nitroaniline	1250	1290	103	23	60	70-150	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: ak024470.D

Lab ID: 580-24938-22 MSD Client ID: YK-SB18(0-1) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	6300	2230	35	32	60	38-143	F
N-Nitrosodiphenylamine	1250	977	78	20	60	88-153	F
4-Bromophenyl phenyl ether	1250	867	69	21	60	64-134	
Hexachlorobenzene	1250	819	65	23	60	61-136	
Pentachlorophenol	1230	864	70	27	68	29-124	
Phenanthrene	1250	877	70	23	28	65-125	
Anthracene	1240	927	74	21	27	73-123	
Di-n-butyl phthalate	1250	880	70	24	60	69-124	
Fluoranthene	1250	911	73	23	36	61-121	
Pyrene	1260	864	69	26	31	54-134	
Butyl benzyl phthalate	1260	1030	82	19	60	65-140	
3,3'-Dichlorobenzidine	2500	2080	83	26	60	73-163	
Benzo[a]anthracene	1240	880	71	20	27	64-124	
Chrysene	1240	834	67	22	26	71-126	F
Bis(2-ethylhexyl) phthalate	1260	1010 J	80	16	60	64-144	
Di-n-octyl phthalate	1250	962	77	14	31	58-148	
Benzo[a]pyrene	1240	910	73	21	30	68-128	
Indeno[1,2,3-cd]pyrene	1250	807	65	26	29	59-139	
Dibenz(a,h)anthracene	1250	843	67	26	30	57-142	
Benzo[g,h,i]perylene	1240	700	56	29	28	57-142	F
Carbazole	1250	1030	83	26	60	88-158	F
1-Methylnaphthalene	1250	1070	86	19	30	48-148	
Benzo[b]fluoranthene	1240	792	64	29	31	66-136	F
Benzo[k]fluoranthene	1240	913	74	13	31	63-143	
2,2'-oxybis[1-chloropropane]	1250	1210	97	16	60	44-140	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: FT004075.D Lab Sample ID: MB 580-82163/1-A

Matrix: Solid Date Extracted: 03/12/2011 12:16

Instrument ID: TAC050 Date Analyzed: 03/14/2011 09:24

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-82163/2-A	FT004076.D	03/14/2011 09:43
	LCSD 580-82163/3-A	FT004077.D	03/14/2011 10:02
YK-SB08(0-1)	580-24938-1	FT004078.D	03/14/2011 10:21
YK-SB08(4-5)	580-24938-2	FT004079.D	03/14/2011 10:40
YK-SB14(0-1)	580-24938-3	FT004080.D	03/14/2011 11:13
YK-SB14(4-5)	580-24938-4	FT004081.D	03/14/2011 11:32
YK-SB14(4-5) MS	580-24938-4 MS	FT004082.D	03/14/2011 11:51
YK-SB14(4-5) MSD	580-24938-4 MSD	FT004083.D	03/14/2011 12:10
YK-SB06(0-1)	580-24938-5	FT004086.D	03/14/2011 13:07
YK-SB06(4-5)	580-24938-6	FT004087.D	03/14/2011 13:26
YK-SB15(0-1)	580-24938-7	FT004088.D	03/14/2011 13:45
YK-SB15(4-5)	580-24938-8	FT004089.D	03/14/2011 14:04
YK-MW-6(4-5)	580-24938-10	FT004090.D	03/14/2011 14:23
YK-MW-6(4-5)D	580-24938-11	FT004091.D	03/14/2011 14:42
YK-SB07(0-1)	580-24938-12	FT004092.D	03/14/2011 15:01
YK-MW-7(0-1)	580-24938-13	FT004093.D	03/14/2011 15:20
YK-MW-7(4-5)	580-24938-14	FT004094.D	03/14/2011 15:39
YK-MW-5(0-1)	580-24938-15	FT004095.D	03/14/2011 15:58
YK-MW-5(2-3)	580-24938-16	FT004096.D	03/14/2011 16:17
YK-SB16(0-1)	580-24938-17	FT004097.D	03/14/2011 16:36
YK-SB16(3-4)	580-24938-18	FT004098.D	03/14/2011 16:55
YK-SB17(0-1)	580-24938-19	FT004099.D	03/14/2011 17:14
YK-SB17(0-1)D	580-24938-20	FT004100.D	03/14/2011 17:33

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: ak024456.D Lab Sample ID: MB 580-82166/1-A

Matrix: Solid Date Extracted: 03/12/2011 12:31

Instrument ID: TAC040 Date Analyzed: 03/13/2011 11:47

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-82166/2-A	ak024457.D	03/13/2011 12:08
	LCSD 580-82166/3-A	ak024458.D	03/13/2011 12:29
YK-SB17(3-4)	580-24938-21	ak024467.D	03/14/2011 10:10
YK-SB18(0-1)	580-24938-22	ak024468.D	03/14/2011 10:31
YK-SB18(0-1) MS	580-24938-22 MS	ak024469.D	03/14/2011 10:52
YK-SB18(0-1) MSD	580-24938-22 MSD	ak024470.D	03/14/2011 11:13
YK-SB18(3-4)	580-24938-23	ak024471.D	03/14/2011 11:34
YK-MW-6(0-1)	580-24938-24	ak024472.D	03/14/2011 11:55
YK-SB07(3-4)	580-24938-25	ak024473.D	03/14/2011 12:16
YK-SB01(4-5)	580-24938-27	ak024475.D	03/14/2011 12:59
YK-SB02(0-1)	580-24938-28	ak024476.D	03/14/2011 13:20
YK-SB02(3-4)	580-24938-29	ak024477.D	03/14/2011 13:41
YK-SB03(0-1)	580-24938-30	ak024478.D	03/14/2011 14:02
YK-SB03(3-4)	580-24938-31	ak024479.D	03/14/2011 14:23
YK-SB04(0-1)	580-24938-32	ak024480.D	03/14/2011 14:44
YK-SB04(4-5)	580-24938-33	ak024481.D	03/14/2011 15:05
YK-SB13(0-1)	580-24938-34	ak024482.D	03/14/2011 15:27
YK-SB13(7-8)	580-24938-35	ak024483.D	03/14/2011 15:48
YK-SB11(0-1)	580-24938-36	ak024484.D	03/14/2011 16:09
YK-SB11(3-4)	580-24938-37	ak024485.D	03/14/2011 16:30
YK-SB12(0-1)	580-24938-38	ak024486.D	03/14/2011 16:51
YK-SB10(0-1)	580-24938-39	ak024487.D	03/14/2011 17:12
YK-SB01(0-1)	580-24938-26	ak024488.D	03/14/2011 17:33

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: ak024422.D DFTPP Injection Date: 03/09/2011

Instrument ID: TAC040 DFTPP Injection Time: 11:05

Analysis Batch No.: 81932

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	14.3	
68	Less than 2.0 % of mass 69	0.3	(1.6)1
69	Mass 69 relative abundance	20.0	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	33.6	
197	Less than 2.0 % of mass 198	0.4	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.7	
275	10.0 - 60.0 % of mass 198	36.8	
365	Greater than 1.0 % of mass 198	5.6	
441	Present but less than mass 443	53.6	
442	Greater than 50.0 % of mass 198	356.3	
443	15.0 - 24.0 % of mass 442	69.3	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 580-81932/3	ak024424.D	03/09/2011	11:40
	IC 580-81932/4	ak024425.D	03/09/2011	12:01
	IC 580-81932/5	ak024426.D	03/09/2011	12:22
	IC 580-81932/6	ak024427.D	03/09/2011	12:55
	IC 580-81932/7	ak024428.D	03/09/2011	13:16
	ICIS 580-81932/8	ak024429.D	03/09/2011	13:37
	IC 580-81932/9	ak024430.D	03/09/2011	13:59
	IC 580-81932/10	ak024431.D	03/09/2011	14:20
	ICV 580-81932/11	ak024432.D	03/09/2011	14:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: ak024454.D DFTPP Injection Date: 03/13/2011

Instrument ID: TAC040 DFTPP Injection Time: 10:48

Analysis Batch No.: 82179

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	14.6	
68	Less than 2.0 % of mass 69	0.3	(1.3)1
69	Mass 69 relative abundance	20.1	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	34.7	
197	Less than 2.0 % of mass 198	0.6	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.5	
275	10.0 - 60.0 % of mass 198	35.9	
365	Greater than 1.0 % of mass 198	5.4	
441	Present but less than mass 443	51.6	
442	Greater than 50.0 % of mass 198	347.5	
443	15.0 - 24.0 % of mass 442	66.4	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82179/2	ak024455.D	03/13/2011	11:02
	MB 580-82166/1-A	ak024456.D	03/13/2011	11:47
	LCS 580-82166/2-A	ak024457.D	03/13/2011	12:08
	LCSD 580-82166/3-A	ak024458.D	03/13/2011	12:29

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: ak024459.D DFTPP Injection Date: 03/14/2011

Instrument ID: TAC040 DFTPP Injection Time: 07:27

Analysis Batch No.: 82189

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	14.9	
68	Less than 2.0 % of mass 69	0.3	(1.5)1
69	Mass 69 relative abundance	20.7	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	35.1	
197	Less than 2.0 % of mass 198	0.6	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.4	
275	10.0 - 60.0 % of mass 198	36.0	
365	Greater than 1.0 % of mass 198	5.6	
441	Present but less than mass 443	51.6	
442	Greater than 50.0 % of mass 198	345.1	
443	15.0 - 24.0 % of mass 442	66.5	(19.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82189/2	ak024460.D	03/14/2011	07:41
YK-SB17(3-4)	580-24938-21	ak024467.D	03/14/2011	10:10
YK-SB18(0-1)	580-24938-22	ak024468.D	03/14/2011	10:31
YK-SB18(0-1) MS	580-24938-22 MS	ak024469.D	03/14/2011	10:52
YK-SB18(0-1) MSD	580-24938-22 MSD	ak024470.D	03/14/2011	11:13
YK-SB18(3-4)	580-24938-23	ak024471.D	03/14/2011	11:34
YK-MW-6(0-1)	580-24938-24	ak024472.D	03/14/2011	11:55
YK-SB07(3-4)	580-24938-25	ak024473.D	03/14/2011	12:16
YK-SB01(4-5)	580-24938-27	ak024475.D	03/14/2011	12:59
YK-SB02(0-1)	580-24938-28	ak024476.D	03/14/2011	13:20
YK-SB02(3-4)	580-24938-29	ak024477.D	03/14/2011	13:41
YK-SB03(0-1)	580-24938-30	ak024478.D	03/14/2011	14:02
YK-SB03(3-4)	580-24938-31	ak024479.D	03/14/2011	14:23
YK-SB04(0-1)	580-24938-32	ak024480.D	03/14/2011	14:44
YK-SB04(4-5)	580-24938-33	ak024481.D	03/14/2011	15:05
YK-SB13(0-1)	580-24938-34	ak024482.D	03/14/2011	15:27
YK-SB13(7-8)	580-24938-35	ak024483.D	03/14/2011	15:48
YK-SB11(0-1)	580-24938-36	ak024484.D	03/14/2011	16:09
YK-SB11(3-4)	580-24938-37	ak024485.D	03/14/2011	16:30
YK-SB12(0-1)	580-24938-38	ak024486.D	03/14/2011	16:51
YK-SB10(0-1)	580-24938-39	ak024487.D	03/14/2011	17:12
YK-SB01(0-1)	580-24938-26	ak024488.D	03/14/2011	17:33

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: FT003868.D DFTPP Injection Date: 02/01/2011

Instrument ID: TAC050 DFTPP Injection Time: 14:10

Analysis Batch No.: 80068

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	18.4	
68	Less than 2.0 % of mass 69	0.0	(0.1)1
69	Mass 69 relative abundance	24.4	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	38.7	
197	Less than 2.0 % of mass 198	0.2	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	7.2	
275	10.0 - 60.0 % of mass 198	33.0	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	28.0	
442	Greater than 50.0 % of mass 198	171.4	
443	15.0 - 24.0 % of mass 442	36.8	(21.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 580-80068/3	FT003870.D	02/01/2011	14:42
	IC 580-80068/4	FT003871.D	02/01/2011	15:01
	IC 580-80068/5	FT003872.D	02/01/2011	15:20
	IC 580-80068/6	FT003873.D	02/01/2011	15:39
	IC 580-80068/7	FT003874.D	02/01/2011	15:58
	ICIS 580-80068/8	FT003875.D	02/01/2011	16:17
	IC 580-80068/9	FT003876.D	02/01/2011	16:36
	IC 580-80068/10	FT003877.D	02/01/2011	16:55
	ICV 580-80068/11	FT003878.D	02/01/2011	17:14

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: FT003985.D DFTPP Injection Date: 03/04/2011

Instrument ID: TAC050 DFTPP Injection Time: 10:05

Analysis Batch No.: 81637

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	29.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	35.7	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	44.9	
197	Less than 2.0 % of mass 198	0.2	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	7.5	
275	10.0 - 60.0 % of mass 198	32.9	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	23.9	
442	Greater than 50.0 % of mass 198	132.1	
443	15.0 - 24.0 % of mass 442	30.8	(23.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 580-81637/3	FT003987.D	03/04/2011	10:37
	IC 580-81637/4	FT003988.D	03/04/2011	10:57
	IC 580-81637/5	FT003989.D	03/04/2011	11:17
	IC 580-81637/6	FT003990.D	03/04/2011	11:37
	ICIS 580-81637/7	FT003991.D	03/04/2011	11:57
	IC 580-81637/8	FT003992.D	03/04/2011	12:16
	IC 580-81637/9	FT003993.D	03/04/2011	12:36
	IC 580-81637/10	FT003994.D	03/04/2011	12:56
	ICV 580-81637/12	FT003996.D	03/04/2011	14:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: FT004073.D DFTPP Injection Date: 03/14/2011

Instrument ID: TAC050 DFTPP Injection Time: 08:44

Analysis Batch No.: 82194

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	27.6	
68	Less than 2.0 % of mass 69	0.1	(0.4)1
69	Mass 69 relative abundance	34.1	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	10.0 - 80.0 % of mass 198	43.7	
197	Less than 2.0 % of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	7.0	
275	10.0 - 60.0 % of mass 198	32.4	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	24.9	
442	Greater than 50.0 % of mass 198	147.0	
443	15.0 - 24.0 % of mass 442	32.3	(21.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82194/2	FT004074.D	03/14/2011	08:56
	MB 580-82163/1-A	FT004075.D	03/14/2011	09:24
	LCS 580-82163/2-A	FT004076.D	03/14/2011	09:43
	LCSD 580-82163/3-A	FT004077.D	03/14/2011	10:02
YK-SB08(0-1)	580-24938-1	FT004078.D	03/14/2011	10:21
YK-SB08(4-5)	580-24938-2	FT004079.D	03/14/2011	10:40
YK-SB14(0-1)	580-24938-3	FT004080.D	03/14/2011	11:13
YK-SB14(4-5)	580-24938-4	FT004081.D	03/14/2011	11:32
YK-SB14(4-5) MS	580-24938-4 MS	FT004082.D	03/14/2011	11:51
YK-SB14(4-5) MSD	580-24938-4 MSD	FT004083.D	03/14/2011	12:10
YK-SB06(0-1)	580-24938-5	FT004086.D	03/14/2011	13:07
YK-SB06(4-5)	580-24938-6	FT004087.D	03/14/2011	13:26
YK-SB15(0-1)	580-24938-7	FT004088.D	03/14/2011	13:45
YK-SB15(4-5)	580-24938-8	FT004089.D	03/14/2011	14:04
YK-MW-6(4-5)	580-24938-10	FT004090.D	03/14/2011	14:23
YK-MW-6(4-5)D	580-24938-11	FT004091.D	03/14/2011	14:42
YK-SB07(0-1)	580-24938-12	FT004092.D	03/14/2011	15:01
YK-MW-7(0-1)	580-24938-13	FT004093.D	03/14/2011	15:20
YK-MW-7(4-5)	580-24938-14	FT004094.D	03/14/2011	15:39
YK-MW-5(0-1)	580-24938-15	FT004095.D	03/14/2011	15:58
YK-MW-5(2-3)	580-24938-16	FT004096.D	03/14/2011	16:17
YK-SB16(0-1)	580-24938-17	FT004097.D	03/14/2011	16:36
YK-SB16(3-4)	580-24938-18	FT004098.D	03/14/2011	16:55
YK-SB17(0-1)	580-24938-19	FT004099.D	03/14/2011	17:14

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab File ID: FT004073.D DFTPP Injection Date: 03/14/2011

Instrument ID: TAC050 DFTPP Injection Time: 08:44

Analysis Batch No.: 82194

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	27.6	
68	Less than 2.0 % of mass 69	0.1	(0.4)1
69	Mass 69 relative abundance	34.1	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	10.0 - 80.0 % of mass 198	43.7	
197	Less than 2.0 % of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	7.0	
275	10.0 - 60.0 % of mass 198	32.4	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	24.9	
442	Greater than 50.0 % of mass 198	147.0	
443	15.0 - 24.0 % of mass 442	32.3	(21.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YK-SB17(0-1)D	580-24938-20	FT004100.D	03/14/2011	17:33

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: ICIS 580-81932/8 Date Analyzed: 03/09/2011 13:37

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024429.D Heated Purge: (Y/N) N

Calibration ID: 7416

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		102315	3.98	384177	4.98	244080	6.40
UPPER LIMIT		204630	4.48	768354	5.48	488160	6.90
LOWER LIMIT		51158	3.48	192089	4.48	122040	5.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-81932/11		102023	3.98	378269	4.98	240233	6.40

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: ICIS 580-81932/8 Date Analyzed: 03/09/2011 13:37

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024429.D Heated Purge: (Y/N) N

Calibration ID: 7416

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		409226	7.62	608353	9.82	600888	11.29
UPPER LIMIT		818452	8.12	1216706	10.32	1201776	11.79
LOWER LIMIT		204613	7.12	304177	9.32	300444	10.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-81932/11		410840	7.62	600043	9.82	633351	11.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82179/2 Date Analyzed: 03/13/2011 11:02

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024455.D Heated Purge: (Y/N) N

Calibration ID: 7416

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		105220	3.98	385056	4.98	244048	6.40
UPPER LIMIT		210440	4.48	770112	5.48	488096	6.90
LOWER LIMIT		52610	3.48	192528	4.48	122024	5.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82166/1-A		104747	3.98	396093	4.98	252241	6.40
LCS 580-82166/2-A		106316	3.98	393885	4.98	256770	6.40
LCSD 580-82166/3-A		106014	3.98	398668	4.98	253711	6.40

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82179/2 Date Analyzed: 03/13/2011 11:02

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024455.D Heated Purge: (Y/N) N

Calibration ID: 7416

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		404939	7.63	578151	9.83	523163	11.29
UPPER LIMIT		809878	8.13	1156302	10.33	1046326	11.79
LOWER LIMIT		202470	7.13	289076	9.33	261582	10.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82166/1-A		441807	7.63	637733	9.83	599994	11.29
LCS 580-82166/2-A		441599	7.62	574182	9.82	480340	11.29
LCSD 580-82166/3-A		441243	7.62	643330	9.83	626205	11.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82189/2 Date Analyzed: 03/14/2011 07:41

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024460.D Heated Purge: (Y/N) N

Calibration ID: 7416

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		102317	3.98	380642	4.98	239503	6.40
UPPER LIMIT		204634	4.48	761284	5.48	479006	6.90
LOWER LIMIT		51159	3.48	190321	4.48	119752	5.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
580-24938-21	YK-SB17(3-4)	115040	3.98	409251	4.98	262944	6.40
580-24938-22	YK-SB18(0-1)	105917	3.98	409777	4.98	258684	6.40
580-24938-22 MS	YK-SB18(0-1) MS	107681	3.98	400797	4.98	263907	6.40
580-24938-22 MSD	YK-SB18(0-1) MSD	112536	3.98	428173	4.98	282774	6.40
580-24938-23	YK-SB18(3-4)	106943	3.98	383278	4.98	252218	6.40
580-24938-24	YK-MW-6(0-1)	106871	3.98	400138	4.98	251069	6.40
580-24938-25	YK-SB07(3-4)	106702	3.98	399254	4.98	256019	6.40
580-24938-27	YK-SB01(4-5)	109585	3.98	406797	4.98	258797	6.40
580-24938-28	YK-SB02(0-1)	105650	3.98	387177	4.98	251947	6.40
580-24938-29	YK-SB02(3-4)	94833	3.98	361906	4.98	230981	6.40
580-24938-30	YK-SB03(0-1)	100820	3.98	372292	4.98	230445	6.40
580-24938-31	YK-SB03(3-4)	95615	3.98	365666	4.98	229950	6.40
580-24938-32	YK-SB04(0-1)	93910	3.98	338614	4.98	214976	6.40
580-24938-33	YK-SB04(4-5)	92464	3.98	343813	4.98	217810	6.40
580-24938-34	YK-SB13(0-1)	92293	3.98	356041	4.98	222105	6.40
580-24938-35	YK-SB13(7-8)	92342	3.98	342167	4.98	222778	6.40
580-24938-36	YK-SB11(0-1)	98128	3.98	345686	4.98	221958	6.40
580-24938-37	YK-SB11(3-4)	97380	3.98	349958	4.98	225430	6.40
580-24938-38	YK-SB12(0-1)	90591	3.98	322188	4.98	211795	6.40
580-24938-39	YK-SB10(0-1)	81862	3.98	335200	4.98	210202	6.41
580-24938-26	YK-SB01(0-1)	86871	3.98	321258	4.98	204956	6.40

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82189/2 Date Analyzed: 03/14/2011 07:41

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): ak024460.D Heated Purge: (Y/N) N

Calibration ID: 7416

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		408414	7.62	579919	9.83	562152	11.29
UPPER LIMIT		816828	8.12	1159838	10.33	1124304	11.79
LOWER LIMIT		204207	7.12	289960	9.33	281076	10.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
580-24938-21	YK-SB17(3-4)	462503	7.63	636266	9.83	661849	11.29
580-24938-22	YK-SB18(0-1)	457601	7.62	622296	9.83	660761	11.29
580-24938-22 MS	YK-SB18(0-1) MS	485347	7.62	651833	9.82	678344	11.29
580-24938-22 MSD	YK-SB18(0-1) MSD	544961	7.62	712623	9.82	716440	11.29
580-24938-23	YK-SB18(3-4)	432050	7.62	608131	9.82	611751	11.29
580-24938-24	YK-MW-6(0-1)	452773	7.63	606560	9.83	641779	11.29
580-24938-25	YK-SB07(3-4)	442112	7.62	598368	9.83	628514	11.29
580-24938-27	YK-SB01(4-5)	457139	7.63	638793	9.82	663955	11.29
580-24938-28	YK-SB02(0-1)	446412	7.63	600152	9.83	601788	11.29
580-24938-29	YK-SB02(3-4)	401262	7.63	538417	9.83	555520	11.29
580-24938-30	YK-SB03(0-1)	400072	7.63	524356	9.83	535770	11.29
580-24938-31	YK-SB03(3-4)	408600	7.62	544542	9.83	550909	11.29
580-24938-32	YK-SB04(0-1)	372355	7.62	512824	9.82	527997	11.29
580-24938-33	YK-SB04(4-5)	379275	7.63	504645	9.83	540059	11.29
580-24938-34	YK-SB13(0-1)	398526	7.62	513809	9.83	463775	11.29
580-24938-35	YK-SB13(7-8)	389520	7.63	481236	9.83	464859	11.29
580-24938-36	YK-SB11(0-1)	373993	7.63	493698	9.83	525902	11.29
580-24938-37	YK-SB11(3-4)	413851	7.63	512096	9.83	508971	11.29
580-24938-38	YK-SB12(0-1)	364306	7.63	457041	9.83	444199	11.29
580-24938-39	YK-SB10(0-1)	325762	7.64	412764	9.83	388231	11.30
580-24938-26	YK-SB01(0-1)	367241	7.63	473741	9.83	426910	11.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: ICIS 580-80068/8 Date Analyzed: 02/01/2011 16:17

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT003875.D Heated Purge: (Y/N) N

Calibration ID: 7279

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		337648	3.66	1251089	4.65	764937	6.07
UPPER LIMIT		675296	4.16	2502178	5.15	1529874	6.57
LOWER LIMIT		168824	3.16	625545	4.15	382469	5.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-80068/11		396937	3.66	1434918	4.65	937211	6.07

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: ICIS 580-80068/8 Date Analyzed: 02/01/2011 16:17

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT003875.D Heated Purge: (Y/N) N

Calibration ID: 7279

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1171958	7.29	935752	9.48	846671	10.92
UPPER LIMIT		2343916	7.79	1871504	9.98	1693342	11.42
LOWER LIMIT		585979	6.79	467876	8.98	423336	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-80068/11		1437099	7.29	1424769	9.48	1318151	10.92

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: ICIS 580-81637/7 Date Analyzed: 03/04/2011 11:57

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT003991.D Heated Purge: (Y/N) N

Calibration ID: 7396

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		63666	3.67	106383	4.66	65522	6.08
UPPER LIMIT		127332	4.17	212766	5.16	131044	6.58
LOWER LIMIT		31833	3.17	53192	4.16	32761	5.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-81637/12		87131	3.68	105132	4.66	67135	6.08

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: ICIS 580-81637/7 Date Analyzed: 03/04/2011 11:57

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT003991.D Heated Purge: (Y/N) N

Calibration ID: 7396

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		98314	7.29	72674	9.48	48472	10.93
UPPER LIMIT		196628	7.79	145348	9.98	96944	11.43
LOWER LIMIT		49157	6.79	36337	8.98	24236	10.43
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-81637/12		102442	7.30	96311	9.48	65668	10.94

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82194/2 Date Analyzed: 03/14/2011 08:56

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT004074.D Heated Purge: (Y/N) N

Calibration ID: 7279

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		324116	3.64	1278140	4.63	779512	6.05
UPPER LIMIT		648232	4.14	2556280	5.13	1559024	6.55
LOWER LIMIT		162058	3.14	639070	4.13	389756	5.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82163/1-A		349658	3.64	1287466	4.63	806093	6.05
LCS 580-82163/2-A		360515	3.64	1315112	4.63	824419	6.05
LCSD 580-82163/3-A		318269	3.64	1229144	4.63	785679	6.05
580-24938-1	YK-SB08(0-1)	331366	3.64	1237041	4.63	778555	6.05
580-24938-2	YK-SB08(4-5)	273573	3.64	1194916	4.63	739338	6.05
580-24938-3	YK-SB14(0-1)	337043	3.64	1274829	4.63	778785	6.05
580-24938-4	YK-SB14(4-5)	338129	3.64	1273071	4.63	788393	6.05
580-24938-4 MS	YK-SB14(4-5) MS	332850	3.64	1270674	4.63	775533	6.05
580-24938-4 MSD	YK-SB14(4-5) MSD	330128	3.64	1280392	4.63	785030	6.05
580-24938-5	YK-SB06(0-1)	337964	3.64	1224378	4.63	774351	6.05
580-24938-6	YK-SB06(4-5)	282700	3.64	1143511	4.63	745486	6.05
580-24938-7	YK-SB15(0-1)	305763	3.64	1171990	4.63	719326	6.05
580-24938-8	YK-SB15(4-5)	328793	3.64	1213129	4.63	767561	6.05
580-24938-10	YK-MW-6(4-5)	325586	3.64	1247432	4.63	780005	6.05
580-24938-11	YK-MW-6(4-5)D	337018	3.64	1265177	4.63	807184	6.05
580-24938-12	YK-SB07(0-1)	330037	3.64	1219754	4.63	742297	6.05
580-24938-13	YK-MW-7(0-1)	312258	3.64	1220434	4.63	767973	6.05
580-24938-14	YK-MW-7(4-5)	304083	3.64	1151275	4.63	719431	6.05
580-24938-15	YK-MW-5(0-1)	304279	3.64	1154467	4.63	720362	6.05
580-24938-16	YK-MW-5(2-3)	237599	3.64	1047313	4.63	642930	6.05
580-24938-17	YK-SB16(0-1)	304727	3.64	1122680	4.63	697213	6.05
580-24938-18	YK-SB16(3-4)	306154	3.64	1199465	4.63	757054	6.05
580-24938-19	YK-SB17(0-1)	245104	3.64	1079345	4.63	661578	6.05
580-24938-20	YK-SB17(0-1)D	265640	3.64	1062848	4.63	653036	6.05

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVIS 580-82194/2 Date Analyzed: 03/14/2011 08:56

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT004074.D Heated Purge: (Y/N) N

Calibration ID: 7279

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1255391	7.27	1239428	9.46	1093252	10.89
UPPER LIMIT		2510782	7.77	2478856	9.96	2186504	11.39
LOWER LIMIT		627696	6.77	619714	8.96	546626	10.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82163/1-A		1259817	7.27	1080063	9.46	891913	10.90
LCS 580-82163/2-A		1313877	7.27	1322150	9.46	1101441	10.89
LCSD 580-82163/3-A		1263087	7.27	1341802	9.46	1218607	10.89
580-24938-1	YK-SB08(0-1)	1231089	7.27	1164194	9.46	979766	10.89
580-24938-2	YK-SB08(4-5)	1193567	7.27	1124181	9.46	1051128	10.89
580-24938-3	YK-SB14(0-1)	1287107	7.27	1173272	9.46	1012048	10.90
580-24938-4	YK-SB14(4-5)	1293275	7.27	1221419	9.46	1049122	10.89
580-24938-4 MS	YK-SB14(4-5) MS	1291930	7.27	1298008	9.46	1099119	10.89
580-24938-4 MSD	YK-SB14(4-5) MSD	1250422	7.27	962249	9.46	837530	10.89
580-24938-5	YK-SB06(0-1)	1280152	7.27	1189557	9.46	1009775	10.89
580-24938-6	YK-SB06(4-5)	1222443	7.27	1127566	9.46	1001557	10.89
580-24938-7	YK-SB15(0-1)	1198304	7.27	1217191	9.46	1088054	10.89
580-24938-8	YK-SB15(4-5)	1263204	7.27	1212490	9.46	1001693	10.89
580-24938-10	YK-MW-6(4-5)	1243157	7.27	1305657	9.46	1169045	10.89
580-24938-11	YK-MW-6(4-5)D	1281015	7.27	1291701	9.46	1165674	10.89
580-24938-12	YK-SB07(0-1)	1246705	7.27	1200967	9.46	1099772	10.89
580-24938-13	YK-MW-7(0-1)	1245629	7.27	1255584	9.46	1118237	10.89
580-24938-14	YK-MW-7(4-5)	1200137	7.27	1148565	9.46	975886	10.89
580-24938-15	YK-MW-5(0-1)	1168654	7.27	1132991	9.46	1004432	10.89
580-24938-16	YK-MW-5(2-3)	1086499	7.27	1034984	9.46	905183	10.89
580-24938-17	YK-SB16(0-1)	1151487	7.27	1118570	9.46	1028397	10.89
580-24938-18	YK-SB16(3-4)	1230026	7.27	1171914	9.46	1039082	10.89
580-24938-19	YK-SB17(0-1)	1117021	7.27	1095441	9.46	995308	10.89
580-24938-20	YK-SB17(0-1)D	1104935	7.27	1162454	9.46	1148668	10.89

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) | Lab Sample ID: 580-24938-1

Matrix: Solid | Lab File ID: FT004078.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0576(g) | Date Analyzed: 03/14/2011 10:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		63	19
106-46-7	1,4-Dichlorobenzene	ND		63	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		63	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	43
78-59-1	Isophorone	ND	*	130	6.3
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3100	940
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.3
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		63	19
91-20-3	Naphthalene	ND		25	6.3
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		63	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		25	6.3
77-47-4	Hexachlorocyclopentadiene	ND		130	6.3
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		25	6.3
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.3
208-96-8	Acenaphthylene	ND		25	6.3
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) | Lab Sample ID: 580-24938-1

Matrix: Solid | Lab File ID: FT004078.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0576(g) | Date Analyzed: 03/14/2011 10:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	250
100-02-7	4-Nitrophenol	ND		1300	310
132-64-9	Dibenzofuran	ND		130	6.3
121-14-2	2,4-Dinitrotoluene	ND	*	130	19
84-66-2	Diethyl phthalate	20	J B	130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		25	6.3
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	63	6.3
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		63	6.3
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.3
120-12-7	Anthracene	ND		25	6.3
84-74-2	Di-n-butyl phthalate	ND		250	63
206-44-0	Fluoranthene	ND		25	6.3
129-00-0	Pyrene	ND		25	6.3
85-68-7	Butyl benzyl phthalate	ND		130	63
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	38
56-55-3	Benzo[a]anthracene	ND		31	6.3
218-01-9	Chrysene	ND		31	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	63
117-84-0	Di-n-octyl phthalate	ND		250	6.3
50-32-8	Benzo[a]pyrene	ND		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		50	6.3
53-70-3	Dibenz(a,h)anthracene	ND		50	6.3
191-24-2	Benzo[g,h,i]perylene	ND		31	6.3
86-74-8	Carbazole	ND		190	6.3
90-12-0	1-Methylnaphthalene	ND		38	6.3
205-99-2	Benzo[b]fluoranthene	ND		25	6.3
207-08-9	Benzo[k]fluoranthene	ND		31	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) | Lab Sample ID: 580-24938-1

Matrix: Solid | Lab File ID: FT004078.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0576(g) | Date Analyzed: 03/14/2011 10:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	97		36-145
4165-62-2	Phenol-d5	86		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	77		42-140
118-79-6	2,4,6-Tribromophenol	79		28-143
1718-51-0	Terphenyl-d14	71		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(4-5) | Lab Sample ID: 580-24938-2

Matrix: Solid | Lab File ID: FT004079.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.3907(g) | Date Analyzed: 03/14/2011 10:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		63	19
106-46-7	1,4-Dichlorobenzene	ND		63	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		63	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	43
78-59-1	Isophorone	ND	*	130	6.3
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	950
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.3
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		63	19
91-20-3	Naphthalene	ND		25	6.3
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		63	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		25	6.3
77-47-4	Hexachlorocyclopentadiene	ND		130	6.3
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		25	6.3
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.3
208-96-8	Acenaphthylene	ND		25	6.3
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(4-5) | Lab Sample ID: 580-24938-2

Matrix: Solid | Lab File ID: FT004079.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.3907(g) | Date Analyzed: 03/14/2011 10:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	250
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.3
121-14-2	2,4-Dinitrotoluene	ND	*	130	19
84-66-2	Diethyl phthalate	25	J B	130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		25	6.3
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	63	6.3
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		63	6.3
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.3
120-12-7	Anthracene	ND		25	6.3
84-74-2	Di-n-butyl phthalate	ND		250	63
206-44-0	Fluoranthene	ND		25	6.3
129-00-0	Pyrene	ND		25	6.3
85-68-7	Butyl benzyl phthalate	ND		130	63
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	38
56-55-3	Benzo[a]anthracene	ND		32	6.3
218-01-9	Chrysene	ND		32	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	63
117-84-0	Di-n-octyl phthalate	ND		250	6.3
50-32-8	Benzo[a]pyrene	ND		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.3
53-70-3	Dibenz(a,h)anthracene	ND		51	6.3
191-24-2	Benzo[g,h,i]perylene	ND		32	6.3
86-74-8	Carbazole	ND		190	6.3
90-12-0	1-Methylnaphthalene	ND		38	6.3
205-99-2	Benzo[b]fluoranthene	ND		25	6.3
207-08-9	Benzo[k]fluoranthene	ND		32	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(4-5) | Lab Sample ID: 580-24938-2

Matrix: Solid | Lab File ID: FT004079.D

Analysis Method: 8270C | Date Collected: 03/10/2011 15:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.3907(g) | Date Analyzed: 03/14/2011 10:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	113		36-145
4165-62-2	Phenol-d5	98		38-149
4165-60-0	Nitrobenzene-d5	93		38-141
321-60-8	2-Fluorobiphenyl	72		42-140
118-79-6	2,4,6-Tribromophenol	81		28-143
1718-51-0	Terphenyl-d14	68		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(0-1) | Lab Sample ID: 580-24938-3

Matrix: Solid | Lab File ID: FT004080.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:04

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.3880(g) | Date Analyzed: 03/14/2011 11:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		63	19
106-46-7	1,4-Dichlorobenzene	ND		63	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		63	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	43
78-59-1	Isophorone	ND	*	130	6.3
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	950
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.3
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		63	19
91-20-3	Naphthalene	ND		25	6.3
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		63	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		25	6.3
77-47-4	Hexachlorocyclopentadiene	ND		130	6.3
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		25	6.3
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.3
208-96-8	Acenaphthylene	ND		25	6.3
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(0-1) | Lab Sample ID: 580-24938-3

Matrix: Solid | Lab File ID: FT004080.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:04

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.3880(g) | Date Analyzed: 03/14/2011 11:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	250
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.3
121-14-2	2,4-Dinitrotoluene	ND	*	130	19
84-66-2	Diethyl phthalate	57	J B	130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		25	6.3
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	63	6.3
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		63	6.3
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.3
120-12-7	Anthracene	ND		25	6.3
84-74-2	Di-n-butyl phthalate	ND		250	63
206-44-0	Fluoranthene	ND		25	6.3
129-00-0	Pyrene	ND		25	6.3
85-68-7	Butyl benzyl phthalate	ND		130	63
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	38
56-55-3	Benzo[a]anthracene	ND		32	6.3
218-01-9	Chrysene	ND		32	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	63
117-84-0	Di-n-octyl phthalate	ND		250	6.3
50-32-8	Benzo[a]pyrene	ND		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.3
53-70-3	Dibenz(a,h)anthracene	ND		51	6.3
191-24-2	Benzo[g,h,i]perylene	ND		32	6.3
86-74-8	Carbazole	ND		190	6.3
90-12-0	1-Methylnaphthalene	ND		38	6.3
205-99-2	Benzo[b]fluoranthene	ND		25	6.3
207-08-9	Benzo[k]fluoranthene	ND		32	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(0-1) | Lab Sample ID: 580-24938-3

Matrix: Solid | Lab File ID: FT004080.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:04

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.3880(g) | Date Analyzed: 03/14/2011 11:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	98		36-145
4165-62-2	Phenol-d5	89		38-149
4165-60-0	Nitrobenzene-d5	85		38-141
321-60-8	2-Fluorobiphenyl	72		42-140
118-79-6	2,4,6-Tribromophenol	80		28-143
1718-51-0	Terphenyl-d14	71		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) | Lab Sample ID: 580-24938-4

Matrix: Solid | Lab File ID: FT004081.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0290(g) | Date Analyzed: 03/14/2011 11:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		150	22
111-44-4	Bis(2-chloroethyl)ether	ND		150	22
95-57-8	2-Chlorophenol	ND		150	22
541-73-1	1,3-Dichlorobenzene	ND		73	22
106-46-7	1,4-Dichlorobenzene	ND		73	22
100-51-6	Benzyl alcohol	ND		150	22
95-50-1	1,2-Dichlorobenzene	ND		73	22
95-48-7	2-Methylphenol	ND		150	22
15831-10-4	3 & 4 Methylphenol	ND		290	22
621-64-7	N-Nitrosodi-n-propylamine	ND		150	22
67-72-1	Hexachloroethane	ND		150	22
98-95-3	Nitrobenzene	ND		150	50
78-59-1	Isophorone	ND	*	150	7.3
88-75-5	2-Nitrophenol	ND		150	22
105-67-9	2,4-Dimethylphenol	ND		150	22
65-85-0	Benzoic acid	ND		3700	1100
111-91-1	Bis(2-chloroethoxy)methane	ND		150	7.3
120-83-2	2,4-Dichlorophenol	ND		150	22
120-82-1	1,2,4-Trichlorobenzene	ND		73	22
91-20-3	Naphthalene	ND		29	7.3
106-47-8	4-Chloroaniline	ND		150	22
87-68-3	Hexachlorobutadiene	ND		73	22
59-50-7	4-Chloro-3-methylphenol	ND		150	22
91-57-6	2-Methylnaphthalene	ND		29	7.3
77-47-4	Hexachlorocyclopentadiene	ND		150	7.3
88-06-2	2,4,6-Trichlorophenol	ND		220	22
95-95-4	2,4,5-Trichlorophenol	ND		150	22
91-58-7	2-Chloronaphthalene	ND		29	7.3
88-74-4	2-Nitroaniline	ND		150	22
131-11-3	Dimethyl phthalate	ND		150	7.3
208-96-8	Acenaphthylene	ND		29	7.3
606-20-2	2,6-Dinitrotoluene	ND		150	22
99-09-2	3-Nitroaniline	ND		150	22
83-32-9	Acenaphthene	ND		29	7.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) | Lab Sample ID: 580-24938-4

Matrix: Solid | Lab File ID: FT004081.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0290(g) | Date Analyzed: 03/14/2011 11:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1500	290
100-02-7	4-Nitrophenol	ND		1500	370
132-64-9	Dibenzofuran	ND		150	7.3
121-14-2	2,4-Dinitrotoluene	ND	*	150	22
84-66-2	Diethyl phthalate	ND		150	22
7005-72-3	4-Chlorophenyl phenyl ether	ND		150	22
86-73-7	Fluorene	ND		29	7.3
100-01-6	4-Nitroaniline	ND		150	22
534-52-1	4,6-Dinitro-2-methylphenol	ND		1500	150
86-30-6	N-Nitrosodiphenylamine	ND	*	73	7.3
101-55-3	4-Bromophenyl phenyl ether	ND		150	22
118-74-1	Hexachlorobenzene	ND		73	7.3
87-86-5	Pentachlorophenol	ND		290	22
85-01-8	Phenanthrene	ND		29	7.3
120-12-7	Anthracene	ND		29	7.3
84-74-2	Di-n-butyl phthalate	ND		290	73
206-44-0	Fluoranthene	ND		29	7.3
129-00-0	Pyrene	ND		29	7.3
85-68-7	Butyl benzyl phthalate	ND		150	73
91-94-1	3,3'-Dichlorobenzidine	ND	*	290	44
56-55-3	Benzo[a]anthracene	ND		37	7.3
218-01-9	Chrysene	ND		37	7.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2200	73
117-84-0	Di-n-octyl phthalate	ND		290	7.3
50-32-8	Benzo[a]pyrene	ND		44	7.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		59	7.3
53-70-3	Dibenz(a,h)anthracene	ND		59	7.3
191-24-2	Benzo[g,h,i]perylene	ND		37	7.3
86-74-8	Carbazole	ND		220	7.3
90-12-0	1-Methylnaphthalene	ND		44	7.3
205-99-2	Benzo[b]fluoranthene	ND		29	7.3
207-08-9	Benzo[k]fluoranthene	ND		37	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		220	22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) | Lab Sample ID: 580-24938-4

Matrix: Solid | Lab File ID: FT004081.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0290(g) | Date Analyzed: 03/14/2011 11:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	98		36-145
4165-62-2	Phenol-d5	84		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	59		42-140
118-79-6	2,4,6-Tribromophenol	77		28-143
1718-51-0	Terphenyl-d14	65		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(0-1) | Lab Sample ID: 580-24938-5

Matrix: Solid | Lab File ID: FT004086.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2454(g) | Date Analyzed: 03/14/2011 13:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	41
78-59-1	Isophorone	ND	*	120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3000	910
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		24	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		24	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		24	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(0-1) | Lab Sample ID: 580-24938-5

Matrix: Solid | Lab File ID: FT004086.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2454(g) | Date Analyzed: 03/14/2011 13:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	300
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND	*	120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND	*	61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	ND		24	6.1
120-12-7	Anthracene	ND		24	6.1
84-74-2	Di-n-butyl phthalate	ND		240	61
206-44-0	Fluoranthene	ND		24	6.1
129-00-0	Pyrene	ND		24	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND	*	240	36
56-55-3	Benzo[a]anthracene	ND		30	6.1
218-01-9	Chrysene	ND		30	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		240	6.1
50-32-8	Benzo[a]pyrene	ND		36	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		48	6.1
53-70-3	Dibenz(a,h)anthracene	ND		48	6.1
191-24-2	Benzo[g,h,i]perylene	ND		30	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	ND		36	6.1
205-99-2	Benzo[b]fluoranthene	ND		24	6.1
207-08-9	Benzo[k]fluoranthene	ND		30	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(0-1) | Lab Sample ID: 580-24938-5

Matrix: Solid | Lab File ID: FT004086.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2454(g) | Date Analyzed: 03/14/2011 13:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	97		36-145
4165-62-2	Phenol-d5	86		38-149
4165-60-0	Nitrobenzene-d5	92		38-141
321-60-8	2-Fluorobiphenyl	75		42-140
118-79-6	2,4,6-Tribromophenol	83		28-143
1718-51-0	Terphenyl-d14	72		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(4-5) | Lab Sample ID: 580-24938-6

Matrix: Solid | Lab File ID: FT004087.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0650(g) | Date Analyzed: 03/14/2011 13:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		64	19
106-46-7	1,4-Dichlorobenzene	ND		64	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		64	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		260	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	44
78-59-1	Isophorone	ND	*	130	6.4
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	960
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.4
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		64	19
91-20-3	Naphthalene	ND		26	6.4
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		64	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		26	6.4
77-47-4	Hexachlorocyclopentadiene	ND		130	6.4
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		26	6.4
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.4
208-96-8	Acenaphthylene	ND		26	6.4
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		26	6.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(4-5) | Lab Sample ID: 580-24938-6

Matrix: Solid | Lab File ID: FT004087.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0650(g) | Date Analyzed: 03/14/2011 13:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	260
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.4
121-14-2	2,4-Dinitrotoluene	ND	*	130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		26	6.4
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	64	6.4
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		64	6.4
87-86-5	Pentachlorophenol	ND		260	19
85-01-8	Phenanthrene	ND		26	6.4
120-12-7	Anthracene	ND		26	6.4
84-74-2	Di-n-butyl phthalate	ND		260	64
206-44-0	Fluoranthene	ND		26	6.4
129-00-0	Pyrene	ND		26	6.4
85-68-7	Butyl benzyl phthalate	ND		130	64
91-94-1	3,3'-Dichlorobenzidine	ND	*	260	38
56-55-3	Benzo[a]anthracene	ND		32	6.4
218-01-9	Chrysene	ND		32	6.4
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	64
117-84-0	Di-n-octyl phthalate	ND		260	6.4
50-32-8	Benzo[a]pyrene	ND		38	6.4
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.4
53-70-3	Dibenz(a,h)anthracene	ND		51	6.4
191-24-2	Benzo[g,h,i]perylene	ND		32	6.4
86-74-8	Carbazole	ND		190	6.4
90-12-0	1-Methylnaphthalene	ND		38	6.4
205-99-2	Benzo[b]fluoranthene	ND		26	6.4
207-08-9	Benzo[k]fluoranthene	ND		32	6.4
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(4-5) | Lab Sample ID: 580-24938-6

Matrix: Solid | Lab File ID: FT004087.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0650(g) | Date Analyzed: 03/14/2011 13:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	108		36-145
4165-62-2	Phenol-d5	87		38-149
4165-60-0	Nitrobenzene-d5	94		38-141
321-60-8	2-Fluorobiphenyl	76		42-140
118-79-6	2,4,6-Tribromophenol	72		28-143
1718-51-0	Terphenyl-d14	66		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(0-1) | Lab Sample ID: 580-24938-7

Matrix: Solid | Lab File ID: FT004088.D

Analysis Method: 8270C | Date Collected: 03/10/2011 17:10

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2821(g) | Date Analyzed: 03/14/2011 13:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		24	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		24	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		24	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(0-1) | Lab Sample ID: 580-24938-7

Matrix: Solid | Lab File ID: FT004088.D

Analysis Method: 8270C | Date Collected: 03/10/2011 17:10

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2821(g) | Date Analyzed: 03/14/2011 13:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND	*	120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND	*	61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	ND		24	6.1
120-12-7	Anthracene	ND		24	6.1
84-74-2	Di-n-butyl phthalate	ND		240	61
206-44-0	Fluoranthene	ND		24	6.1
129-00-0	Pyrene	ND		24	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND	*	240	37
56-55-3	Benzo[a]anthracene	ND		31	6.1
218-01-9	Chrysene	ND		31	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		240	6.1
50-32-8	Benzo[a]pyrene	ND		37	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.1
53-70-3	Dibenz(a,h)anthracene	ND		49	6.1
191-24-2	Benzo[g,h,i]perylene	ND		31	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	ND		37	6.1
205-99-2	Benzo[b]fluoranthene	ND		24	6.1
207-08-9	Benzo[k]fluoranthene	ND		31	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(0-1) | Lab Sample ID: 580-24938-7

Matrix: Solid | Lab File ID: FT004088.D

Analysis Method: 8270C | Date Collected: 03/10/2011 17:10

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2821(g) | Date Analyzed: 03/14/2011 13:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	96		36-145
4165-62-2	Phenol-d5	84		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	78		42-140
118-79-6	2,4,6-Tribromophenol	76		28-143
1718-51-0	Terphenyl-d14	74		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(4-5) | Lab Sample ID: 580-24938-8

Matrix: Solid | Lab File ID: FT004089.D

Analysis Method: 8270C | Date Collected: 03/10/2011 17:25

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0858(g) | Date Analyzed: 03/14/2011 14:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	19
111-44-4	Bis(2-chloroethyl)ether	ND		120	19
95-57-8	2-Chlorophenol	ND		120	19
541-73-1	1,3-Dichlorobenzene	ND		62	19
106-46-7	1,4-Dichlorobenzene	ND		62	19
100-51-6	Benzyl alcohol	ND		120	19
95-50-1	1,2-Dichlorobenzene	ND		62	19
95-48-7	2-Methylphenol	ND		120	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		120	19
67-72-1	Hexachloroethane	ND		120	19
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.2
88-75-5	2-Nitrophenol	ND		120	19
105-67-9	2,4-Dimethylphenol	ND		120	19
65-85-0	Benzoic acid	ND		3100	940
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	19
120-82-1	1,2,4-Trichlorobenzene	ND		62	19
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	19
87-68-3	Hexachlorobutadiene	ND		62	19
59-50-7	4-Chloro-3-methylphenol	ND		120	19
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		120	19
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	19
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	19
99-09-2	3-Nitroaniline	ND		120	19
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(4-5) | Lab Sample ID: 580-24938-8

Matrix: Solid | Lab File ID: FT004089.D

Analysis Method: 8270C | Date Collected: 03/10/2011 17:25

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0858(g) | Date Analyzed: 03/14/2011 14:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND	*	120	19
84-66-2	Diethyl phthalate	ND		120	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	19
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND	*	62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	19
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	ND		25	6.2
129-00-0	Pyrene	ND		25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	37
56-55-3	Benzo[a]anthracene	ND		31	6.2
218-01-9	Chrysene	ND		31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	ND		37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		50	6.2
53-70-3	Dibenz(a,h)anthracene	ND		50	6.2
191-24-2	Benzo[g,h,i]perylene	ND		31	6.2
86-74-8	Carbazole	ND		190	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	ND		25	6.2
207-08-9	Benzo[k]fluoranthene	ND		31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(4-5) | Lab Sample ID: 580-24938-8

Matrix: Solid | Lab File ID: FT004089.D

Analysis Method: 8270C | Date Collected: 03/10/2011 17:25

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0858(g) | Date Analyzed: 03/14/2011 14:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	102		36-145
4165-62-2	Phenol-d5	87		38-149
4165-60-0	Nitrobenzene-d5	93		38-141
321-60-8	2-Fluorobiphenyl	82		42-140
118-79-6	2,4,6-Tribromophenol	79		28-143
1718-51-0	Terphenyl-d14	78		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5) | Lab Sample ID: 580-24938-10

Matrix: Solid | Lab File ID: FT004090.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:20

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.1203(g) | Date Analyzed: 03/14/2011 14:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		65	19
106-46-7	1,4-Dichlorobenzene	ND		65	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		65	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		260	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	44
78-59-1	Isophorone	ND	*	130	6.5
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	970
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.5
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		65	19
91-20-3	Naphthalene	ND		26	6.5
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		65	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		26	6.5
77-47-4	Hexachlorocyclopentadiene	ND		130	6.5
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		26	6.5
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.5
208-96-8	Acenaphthylene	ND		26	6.5
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		26	6.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5) | Lab Sample ID: 580-24938-10

Matrix: Solid | Lab File ID: FT004090.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:20

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.1203(g) | Date Analyzed: 03/14/2011 14:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	260
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.5
121-14-2	2,4-Dinitrotoluene	ND	*	130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		26	6.5
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	65	6.5
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		65	6.5
87-86-5	Pentachlorophenol	ND		260	19
85-01-8	Phenanthrene	ND		26	6.5
120-12-7	Anthracene	ND		26	6.5
84-74-2	Di-n-butyl phthalate	ND		260	65
206-44-0	Fluoranthene	ND		26	6.5
129-00-0	Pyrene	ND		26	6.5
85-68-7	Butyl benzyl phthalate	ND		130	65
91-94-1	3,3'-Dichlorobenzidine	ND	*	260	39
56-55-3	Benzo[a]anthracene	ND		32	6.5
218-01-9	Chrysene	ND		32	6.5
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	65
117-84-0	Di-n-octyl phthalate	ND		260	6.5
50-32-8	Benzo[a]pyrene	ND		39	6.5
193-39-5	Indeno[1,2,3-cd]pyrene	ND		52	6.5
53-70-3	Dibenz(a,h)anthracene	ND		52	6.5
191-24-2	Benzo[g,h,i]perylene	ND		32	6.5
86-74-8	Carbazole	ND		190	6.5
90-12-0	1-Methylnaphthalene	ND		39	6.5
205-99-2	Benzo[b]fluoranthene	ND		26	6.5
207-08-9	Benzo[k]fluoranthene	ND		32	6.5
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5) | Lab Sample ID: 580-24938-10

Matrix: Solid | Lab File ID: FT004090.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:20

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.1203(g) | Date Analyzed: 03/14/2011 14:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	102		36-145
4165-62-2	Phenol-d5	88		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	81		42-140
118-79-6	2,4,6-Tribromophenol	81		28-143
1718-51-0	Terphenyl-d14	81		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5)D | Lab Sample ID: 580-24938-11

Matrix: Solid | Lab File ID: FT004091.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:21

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0458(g) | Date Analyzed: 03/14/2011 14:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		140	21
111-44-4	Bis(2-chloroethyl)ether	ND		140	21
95-57-8	2-Chlorophenol	ND		140	21
541-73-1	1,3-Dichlorobenzene	ND		71	21
106-46-7	1,4-Dichlorobenzene	ND		71	21
100-51-6	Benzyl alcohol	ND		140	21
95-50-1	1,2-Dichlorobenzene	ND		71	21
95-48-7	2-Methylphenol	ND		140	21
15831-10-4	3 & 4 Methylphenol	ND		280	21
621-64-7	N-Nitrosodi-n-propylamine	ND		140	21
67-72-1	Hexachloroethane	ND		140	21
98-95-3	Nitrobenzene	ND		140	48
78-59-1	Isophorone	ND	*	140	7.1
88-75-5	2-Nitrophenol	ND		140	21
105-67-9	2,4-Dimethylphenol	ND		140	21
65-85-0	Benzoic acid	ND		3500	1100
111-91-1	Bis(2-chloroethoxy)methane	ND		140	7.1
120-83-2	2,4-Dichlorophenol	ND		140	21
120-82-1	1,2,4-Trichlorobenzene	ND		71	21
91-20-3	Naphthalene	ND		28	7.1
106-47-8	4-Chloroaniline	ND		140	21
87-68-3	Hexachlorobutadiene	ND		71	21
59-50-7	4-Chloro-3-methylphenol	ND		140	21
91-57-6	2-Methylnaphthalene	ND		28	7.1
77-47-4	Hexachlorocyclopentadiene	ND		140	7.1
88-06-2	2,4,6-Trichlorophenol	ND		210	21
95-95-4	2,4,5-Trichlorophenol	ND		140	21
91-58-7	2-Chloronaphthalene	ND		28	7.1
88-74-4	2-Nitroaniline	ND		140	21
131-11-3	Dimethyl phthalate	ND		140	7.1
208-96-8	Acenaphthylene	ND		28	7.1
606-20-2	2,6-Dinitrotoluene	ND		140	21
99-09-2	3-Nitroaniline	ND		140	21
83-32-9	Acenaphthene	ND		28	7.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5)D | Lab Sample ID: 580-24938-11

Matrix: Solid | Lab File ID: FT004091.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:21

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0458(g) | Date Analyzed: 03/14/2011 14:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1400	280
100-02-7	4-Nitrophenol	ND		1400	350
132-64-9	Dibenzofuran	ND		140	7.1
121-14-2	2,4-Dinitrotoluene	ND	*	140	21
84-66-2	Diethyl phthalate	ND		140	21
7005-72-3	4-Chlorophenyl phenyl ether	ND		140	21
86-73-7	Fluorene	ND		28	7.1
100-01-6	4-Nitroaniline	ND		140	21
534-52-1	4,6-Dinitro-2-methylphenol	ND		1400	140
86-30-6	N-Nitrosodiphenylamine	ND	*	71	7.1
101-55-3	4-Bromophenyl phenyl ether	ND		140	21
118-74-1	Hexachlorobenzene	ND		71	7.1
87-86-5	Pentachlorophenol	ND		280	21
85-01-8	Phenanthrene	ND		28	7.1
120-12-7	Anthracene	ND		28	7.1
84-74-2	Di-n-butyl phthalate	ND		280	71
206-44-0	Fluoranthene	ND		28	7.1
129-00-0	Pyrene	ND		28	7.1
85-68-7	Butyl benzyl phthalate	ND		140	71
91-94-1	3,3'-Dichlorobenzidine	ND	*	280	42
56-55-3	Benzo[a]anthracene	ND		35	7.1
218-01-9	Chrysene	ND		35	7.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2100	71
117-84-0	Di-n-octyl phthalate	ND		280	7.1
50-32-8	Benzo[a]pyrene	ND		42	7.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		57	7.1
53-70-3	Dibenz(a,h)anthracene	ND		57	7.1
191-24-2	Benzo[g,h,i]perylene	ND		35	7.1
86-74-8	Carbazole	ND		210	7.1
90-12-0	1-Methylnaphthalene	ND		42	7.1
205-99-2	Benzo[b]fluoranthene	ND		28	7.1
207-08-9	Benzo[k]fluoranthene	ND		35	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		210	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5)D | Lab Sample ID: 580-24938-11

Matrix: Solid | Lab File ID: FT004091.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:21

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0458(g) | Date Analyzed: 03/14/2011 14:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 29.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	97		36-145
4165-62-2	Phenol-d5	83		38-149
4165-60-0	Nitrobenzene-d5	88		38-141
321-60-8	2-Fluorobiphenyl	66		42-140
118-79-6	2,4,6-Tribromophenol	75		28-143
1718-51-0	Terphenyl-d14	67		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(0-1) | Lab Sample ID: 580-24938-12

Matrix: Solid | Lab File ID: FT004092.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2460(g) | Date Analyzed: 03/14/2011 15:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	20
111-44-4	Bis(2-chloroethyl)ether	ND		130	20
95-57-8	2-Chlorophenol	ND		130	20
541-73-1	1,3-Dichlorobenzene	ND		65	20
106-46-7	1,4-Dichlorobenzene	ND		65	20
100-51-6	Benzyl alcohol	ND		130	20
95-50-1	1,2-Dichlorobenzene	ND		65	20
95-48-7	2-Methylphenol	ND		130	20
15831-10-4	3 & 4 Methylphenol	ND		260	20
621-64-7	N-Nitrosodi-n-propylamine	ND		130	20
67-72-1	Hexachloroethane	ND		130	20
98-95-3	Nitrobenzene	ND		130	44
78-59-1	Isophorone	ND	*	130	6.5
88-75-5	2-Nitrophenol	ND		130	20
105-67-9	2,4-Dimethylphenol	ND		130	20
65-85-0	Benzoic acid	ND		3300	980
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.5
120-83-2	2,4-Dichlorophenol	ND		130	20
120-82-1	1,2,4-Trichlorobenzene	ND		65	20
91-20-3	Naphthalene	ND		26	6.5
106-47-8	4-Chloroaniline	ND		130	20
87-68-3	Hexachlorobutadiene	ND		65	20
59-50-7	4-Chloro-3-methylphenol	ND		130	20
91-57-6	2-Methylnaphthalene	ND		26	6.5
77-47-4	Hexachlorocyclopentadiene	ND		130	6.5
88-06-2	2,4,6-Trichlorophenol	ND		200	20
95-95-4	2,4,5-Trichlorophenol	ND		130	20
91-58-7	2-Chloronaphthalene	ND		26	6.5
88-74-4	2-Nitroaniline	ND		130	20
131-11-3	Dimethyl phthalate	ND		130	6.5
208-96-8	Acenaphthylene	ND		26	6.5
606-20-2	2,6-Dinitrotoluene	ND		130	20
99-09-2	3-Nitroaniline	ND		130	20
83-32-9	Acenaphthene	ND		26	6.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(0-1) | Lab Sample ID: 580-24938-12

Matrix: Solid | Lab File ID: FT004092.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2460(g) | Date Analyzed: 03/14/2011 15:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	260
100-02-7	4-Nitrophenol	ND		1300	330
132-64-9	Dibenzofuran	ND		130	6.5
121-14-2	2,4-Dinitrotoluene	ND	*	130	20
84-66-2	Diethyl phthalate	ND		130	20
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	20
86-73-7	Fluorene	ND		26	6.5
100-01-6	4-Nitroaniline	ND		130	20
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	65	6.5
101-55-3	4-Bromophenyl phenyl ether	ND		130	20
118-74-1	Hexachlorobenzene	ND		65	6.5
87-86-5	Pentachlorophenol	ND		260	20
85-01-8	Phenanthrene	ND		26	6.5
120-12-7	Anthracene	ND		26	6.5
84-74-2	Di-n-butyl phthalate	ND		260	65
206-44-0	Fluoranthene	18	J	26	6.5
129-00-0	Pyrene	ND		26	6.5
85-68-7	Butyl benzyl phthalate	ND		130	65
91-94-1	3,3'-Dichlorobenzidine	ND	*	260	39
56-55-3	Benzo[a]anthracene	11	J	33	6.5
218-01-9	Chrysene	10	J	33	6.5
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	65
117-84-0	Di-n-octyl phthalate	ND		260	6.5
50-32-8	Benzo[a]pyrene	13	J	39	6.5
193-39-5	Indeno[1,2,3-cd]pyrene	ND		52	6.5
53-70-3	Dibenz(a,h)anthracene	ND		52	6.5
191-24-2	Benzo[g,h,i]perylene	11	J	33	6.5
86-74-8	Carbazole	ND		200	6.5
90-12-0	1-Methylnaphthalene	ND		39	6.5
205-99-2	Benzo[b]fluoranthene	20	J	26	6.5
207-08-9	Benzo[k]fluoranthene	9.4	J	33	6.5
108-60-1	2,2'-oxybis[1-chloropropane]	ND		200	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(0-1) | Lab Sample ID: 580-24938-12

Matrix: Solid | Lab File ID: FT004092.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2460(g) | Date Analyzed: 03/14/2011 15:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	99		36-145
4165-62-2	Phenol-d5	78		38-149
4165-60-0	Nitrobenzene-d5	92		38-141
321-60-8	2-Fluorobiphenyl	81		42-140
118-79-6	2,4,6-Tribromophenol	84		28-143
1718-51-0	Terphenyl-d14	78		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(0-1) | Lab Sample ID: 580-24938-13

Matrix: Solid | Lab File ID: FT004093.D

Analysis Method: 8270C | Date Collected: 03/11/2011 07:37

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.5012(g) | Date Analyzed: 03/14/2011 15:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		60	18
106-46-7	1,4-Dichlorobenzene	ND		60	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		60	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	41
78-59-1	Isophorone	ND	*	120	6.0
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3000	900
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.0
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		60	18
91-20-3	Naphthalene	ND		24	6.0
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		60	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		24	6.0
77-47-4	Hexachlorocyclopentadiene	ND		120	6.0
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.0
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.0
208-96-8	Acenaphthylene	ND		24	6.0
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(0-1) | Lab Sample ID: 580-24938-13

Matrix: Solid | Lab File ID: FT004093.D

Analysis Method: 8270C | Date Collected: 03/11/2011 07:37

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.5012(g) | Date Analyzed: 03/14/2011 15:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	300
132-64-9	Dibenzofuran	ND		120	6.0
121-14-2	2,4-Dinitrotoluene	ND	*	120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.0
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND	*	60	6.0
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		60	6.0
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	ND		24	6.0
120-12-7	Anthracene	ND		24	6.0
84-74-2	Di-n-butyl phthalate	ND		240	60
206-44-0	Fluoranthene	ND		24	6.0
129-00-0	Pyrene	ND		24	6.0
85-68-7	Butyl benzyl phthalate	ND		120	60
91-94-1	3,3'-Dichlorobenzidine	ND	*	240	36
56-55-3	Benzo[a]anthracene	ND		30	6.0
218-01-9	Chrysene	ND		30	6.0
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	60
117-84-0	Di-n-octyl phthalate	ND		240	6.0
50-32-8	Benzo[a]pyrene	ND		36	6.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND		48	6.0
53-70-3	Dibenz(a,h)anthracene	ND		48	6.0
191-24-2	Benzo[g,h,i]perylene	ND		30	6.0
86-74-8	Carbazole	ND		180	6.0
90-12-0	1-Methylnaphthalene	ND		36	6.0
205-99-2	Benzo[b]fluoranthene	ND		24	6.0
207-08-9	Benzo[k]fluoranthene	ND		30	6.0
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(0-1) | Lab Sample ID: 580-24938-13

Matrix: Solid | Lab File ID: FT004093.D

Analysis Method: 8270C | Date Collected: 03/11/2011 07:37

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.5012(g) | Date Analyzed: 03/14/2011 15:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	103		36-145
4165-62-2	Phenol-d5	81		38-149
4165-60-0	Nitrobenzene-d5	92		38-141
321-60-8	2-Fluorobiphenyl	67		42-140
118-79-6	2,4,6-Tribromophenol	80		28-143
1718-51-0	Terphenyl-d14	73		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(4-5) | Lab Sample ID: 580-24938-14

Matrix: Solid | Lab File ID: FT004094.D

Analysis Method: 8270C | Date Collected: 03/11/2011 07:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4594(g) | Date Analyzed: 03/14/2011 15:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		63	19
106-46-7	1,4-Dichlorobenzene	ND		63	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		63	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	43
78-59-1	Isophorone	ND	*	130	6.3
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	950
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.3
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		63	19
91-20-3	Naphthalene	ND		25	6.3
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		63	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		25	6.3
77-47-4	Hexachlorocyclopentadiene	ND		130	6.3
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		25	6.3
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.3
208-96-8	Acenaphthylene	ND		25	6.3
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(4-5) | Lab Sample ID: 580-24938-14

Matrix: Solid | Lab File ID: FT004094.D

Analysis Method: 8270C | Date Collected: 03/11/2011 07:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4594(g) | Date Analyzed: 03/14/2011 15:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	250
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.3
121-14-2	2,4-Dinitrotoluene	ND	*	130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		25	6.3
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	63	6.3
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		63	6.3
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.3
120-12-7	Anthracene	ND		25	6.3
84-74-2	Di-n-butyl phthalate	ND		250	63
206-44-0	Fluoranthene	ND		25	6.3
129-00-0	Pyrene	ND		25	6.3
85-68-7	Butyl benzyl phthalate	ND		130	63
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	38
56-55-3	Benzo[a]anthracene	ND		32	6.3
218-01-9	Chrysene	ND		32	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	63
117-84-0	Di-n-octyl phthalate	ND		250	6.3
50-32-8	Benzo[a]pyrene	ND		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.3
53-70-3	Dibenz(a,h)anthracene	ND		51	6.3
191-24-2	Benzo[g,h,i]perylene	ND		32	6.3
86-74-8	Carbazole	ND		190	6.3
90-12-0	1-Methylnaphthalene	ND		38	6.3
205-99-2	Benzo[b]fluoranthene	ND		25	6.3
207-08-9	Benzo[k]fluoranthene	ND		32	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(4-5) | Lab Sample ID: 580-24938-14

Matrix: Solid | Lab File ID: FT004094.D

Analysis Method: 8270C | Date Collected: 03/11/2011 07:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4594(g) | Date Analyzed: 03/14/2011 15:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	101		36-145
4165-62-2	Phenol-d5	90		38-149
4165-60-0	Nitrobenzene-d5	91		38-141
321-60-8	2-Fluorobiphenyl	70		42-140
118-79-6	2,4,6-Tribromophenol	76		28-143
1718-51-0	Terphenyl-d14	73		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(0-1) | Lab Sample ID: 580-24938-15

Matrix: Solid | Lab File ID: FT004095.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0212(g) | Date Analyzed: 03/14/2011 15:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		62	18
106-46-7	1,4-Dichlorobenzene	ND		62	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		62	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		250	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.2
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		62	18
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		62	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(0-1) | Lab Sample ID: 580-24938-15

Matrix: Solid | Lab File ID: FT004095.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0212(g) | Date Analyzed: 03/14/2011 15:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND	*	120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND	*	62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	18
85-01-8	Phenanthrene	ND		25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	ND		25	6.2
129-00-0	Pyrene	ND		25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	37
56-55-3	Benzo[a]anthracene	ND		31	6.2
218-01-9	Chrysene	ND		31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	ND		37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.2
53-70-3	Dibenz(a,h)anthracene	ND		49	6.2
191-24-2	Benzo[g,h,i]perylene	ND		31	6.2
86-74-8	Carbazole	ND		180	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	ND		25	6.2
207-08-9	Benzo[k]fluoranthene	ND		31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(0-1) | Lab Sample ID: 580-24938-15

Matrix: Solid | Lab File ID: FT004095.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0212(g) | Date Analyzed: 03/14/2011 15:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	105		36-145
4165-62-2	Phenol-d5	92		38-149
4165-60-0	Nitrobenzene-d5	96		38-141
321-60-8	2-Fluorobiphenyl	80		42-140
118-79-6	2,4,6-Tribromophenol	89		28-143
1718-51-0	Terphenyl-d14	77		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(2-3) | Lab Sample ID: 580-24938-16

Matrix: Solid | Lab File ID: FT004096.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:35

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4212(g) | Date Analyzed: 03/14/2011 16:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		64	19
106-46-7	1,4-Dichlorobenzene	ND		64	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		64	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		260	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	44
78-59-1	Isophorone	ND	*	130	6.4
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	960
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.4
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		64	19
91-20-3	Naphthalene	ND		26	6.4
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		64	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		26	6.4
77-47-4	Hexachlorocyclopentadiene	ND		130	6.4
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		26	6.4
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.4
208-96-8	Acenaphthylene	ND		26	6.4
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		26	6.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(2-3) | Lab Sample ID: 580-24938-16

Matrix: Solid | Lab File ID: FT004096.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:35

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4212(g) | Date Analyzed: 03/14/2011 16:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	260
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.4
121-14-2	2,4-Dinitrotoluene	ND	*	130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		26	6.4
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	64	6.4
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		64	6.4
87-86-5	Pentachlorophenol	ND		260	19
85-01-8	Phenanthrene	ND		26	6.4
120-12-7	Anthracene	ND		26	6.4
84-74-2	Di-n-butyl phthalate	ND		260	64
206-44-0	Fluoranthene	ND		26	6.4
129-00-0	Pyrene	ND		26	6.4
85-68-7	Butyl benzyl phthalate	ND		130	64
91-94-1	3,3'-Dichlorobenzidine	ND	*	260	39
56-55-3	Benzo[a]anthracene	ND		32	6.4
218-01-9	Chrysene	ND		32	6.4
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	64
117-84-0	Di-n-octyl phthalate	ND		260	6.4
50-32-8	Benzo[a]pyrene	ND		39	6.4
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.4
53-70-3	Dibenz(a,h)anthracene	ND		51	6.4
191-24-2	Benzo[g,h,i]perylene	ND		32	6.4
86-74-8	Carbazole	ND		190	6.4
90-12-0	1-Methylnaphthalene	ND		39	6.4
205-99-2	Benzo[b]fluoranthene	ND		26	6.4
207-08-9	Benzo[k]fluoranthene	ND		32	6.4
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(2-3) | Lab Sample ID: 580-24938-16

Matrix: Solid | Lab File ID: FT004096.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:35

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4212(g) | Date Analyzed: 03/14/2011 16:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	118		36-145
4165-62-2	Phenol-d5	101		38-149
4165-60-0	Nitrobenzene-d5	101		38-141
321-60-8	2-Fluorobiphenyl	89		42-140
118-79-6	2,4,6-Tribromophenol	85		28-143
1718-51-0	Terphenyl-d14	85		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(0-1) | Lab Sample ID: 580-24938-17

Matrix: Solid | Lab File ID: FT004097.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0979(g) | Date Analyzed: 03/14/2011 16:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 26.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	20
111-44-4	Bis(2-chloroethyl)ether	ND		130	20
95-57-8	2-Chlorophenol	ND		130	20
541-73-1	1,3-Dichlorobenzene	ND		67	20
106-46-7	1,4-Dichlorobenzene	ND		67	20
100-51-6	Benzyl alcohol	ND		130	20
95-50-1	1,2-Dichlorobenzene	ND		67	20
95-48-7	2-Methylphenol	ND		130	20
15831-10-4	3 & 4 Methylphenol	ND		270	20
621-64-7	N-Nitrosodi-n-propylamine	ND		130	20
67-72-1	Hexachloroethane	ND		130	20
98-95-3	Nitrobenzene	ND		130	46
78-59-1	Isophorone	ND	*	130	6.7
88-75-5	2-Nitrophenol	ND		130	20
105-67-9	2,4-Dimethylphenol	ND		130	20
65-85-0	Benzoic acid	ND		3400	1000
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.7
120-83-2	2,4-Dichlorophenol	ND		130	20
120-82-1	1,2,4-Trichlorobenzene	ND		67	20
91-20-3	Naphthalene	ND		27	6.7
106-47-8	4-Chloroaniline	ND		130	20
87-68-3	Hexachlorobutadiene	ND		67	20
59-50-7	4-Chloro-3-methylphenol	ND		130	20
91-57-6	2-Methylnaphthalene	ND		27	6.7
77-47-4	Hexachlorocyclopentadiene	ND		130	6.7
88-06-2	2,4,6-Trichlorophenol	ND		200	20
95-95-4	2,4,5-Trichlorophenol	ND		130	20
91-58-7	2-Chloronaphthalene	ND		27	6.7
88-74-4	2-Nitroaniline	ND		130	20
131-11-3	Dimethyl phthalate	ND		130	6.7
208-96-8	Acenaphthylene	ND		27	6.7
606-20-2	2,6-Dinitrotoluene	ND		130	20
99-09-2	3-Nitroaniline	ND		130	20
83-32-9	Acenaphthene	ND		27	6.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(0-1) | Lab Sample ID: 580-24938-17

Matrix: Solid | Lab File ID: FT004097.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0979(g) | Date Analyzed: 03/14/2011 16:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 26.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	270
100-02-7	4-Nitrophenol	ND		1300	340
132-64-9	Dibenzofuran	ND		130	6.7
121-14-2	2,4-Dinitrotoluene	ND	*	130	20
84-66-2	Diethyl phthalate	ND		130	20
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	20
86-73-7	Fluorene	ND		27	6.7
100-01-6	4-Nitroaniline	ND		130	20
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	67	6.7
101-55-3	4-Bromophenyl phenyl ether	ND		130	20
118-74-1	Hexachlorobenzene	ND		67	6.7
87-86-5	Pentachlorophenol	ND		270	20
85-01-8	Phenanthrene	ND		27	6.7
120-12-7	Anthracene	ND		27	6.7
84-74-2	Di-n-butyl phthalate	ND		270	67
206-44-0	Fluoranthene	ND		27	6.7
129-00-0	Pyrene	ND		27	6.7
85-68-7	Butyl benzyl phthalate	ND		130	67
91-94-1	3,3'-Dichlorobenzidine	ND	*	270	40
56-55-3	Benzo[a]anthracene	ND		34	6.7
218-01-9	Chrysene	ND		34	6.7
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	67
117-84-0	Di-n-octyl phthalate	ND		270	6.7
50-32-8	Benzo[a]pyrene	ND		40	6.7
193-39-5	Indeno[1,2,3-cd]pyrene	ND		54	6.7
53-70-3	Dibenz(a,h)anthracene	ND		54	6.7
191-24-2	Benzo[g,h,i]perylene	ND		34	6.7
86-74-8	Carbazole	ND		200	6.7
90-12-0	1-Methylnaphthalene	ND		40	6.7
205-99-2	Benzo[b]fluoranthene	ND		27	6.7
207-08-9	Benzo[k]fluoranthene	ND		34	6.7
108-60-1	2,2'-oxybis[1-chloropropane]	ND		200	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(0-1) | Lab Sample ID: 580-24938-17

Matrix: Solid | Lab File ID: FT004097.D

Analysis Method: 8270C | Date Collected: 03/11/2011 08:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0979(g) | Date Analyzed: 03/14/2011 16:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 26.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	86		36-145
4165-62-2	Phenol-d5	81		38-149
4165-60-0	Nitrobenzene-d5	90		38-141
321-60-8	2-Fluorobiphenyl	70		42-140
118-79-6	2,4,6-Tribromophenol	80		28-143
1718-51-0	Terphenyl-d14	72		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(3-4) | Lab Sample ID: 580-24938-18

Matrix: Solid | Lab File ID: FT004098.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:00

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4578(g) | Date Analyzed: 03/14/2011 16:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	19
111-44-4	Bis(2-chloroethyl)ether	ND		120	19
95-57-8	2-Chlorophenol	ND		120	19
541-73-1	1,3-Dichlorobenzene	ND		62	19
106-46-7	1,4-Dichlorobenzene	ND		62	19
100-51-6	Benzyl alcohol	ND		120	19
95-50-1	1,2-Dichlorobenzene	ND		62	19
95-48-7	2-Methylphenol	ND		120	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		120	19
67-72-1	Hexachloroethane	ND		120	19
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.2
88-75-5	2-Nitrophenol	ND		120	19
105-67-9	2,4-Dimethylphenol	ND		120	19
65-85-0	Benzoic acid	ND		3100	930
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	19
120-82-1	1,2,4-Trichlorobenzene	ND		62	19
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	19
87-68-3	Hexachlorobutadiene	ND		62	19
59-50-7	4-Chloro-3-methylphenol	ND		120	19
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		120	19
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	19
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	19
99-09-2	3-Nitroaniline	ND		120	19
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(3-4) | Lab Sample ID: 580-24938-18

Matrix: Solid | Lab File ID: FT004098.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:00

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4578(g) | Date Analyzed: 03/14/2011 16:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND	*	120	19
84-66-2	Diethyl phthalate	ND		120	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	19
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND	*	62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	19
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	ND		25	6.2
129-00-0	Pyrene	ND		25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	37
56-55-3	Benzo[a]anthracene	ND		31	6.2
218-01-9	Chrysene	ND		31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	ND		37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.2
53-70-3	Dibenz(a,h)anthracene	ND		49	6.2
191-24-2	Benzo[g,h,i]perylene	ND		31	6.2
86-74-8	Carbazole	ND		190	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	ND		25	6.2
207-08-9	Benzo[k]fluoranthene	ND		31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(3-4) | Lab Sample ID: 580-24938-18

Matrix: Solid | Lab File ID: FT004098.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:00

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4578(g) | Date Analyzed: 03/14/2011 16:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	101		36-145
4165-62-2	Phenol-d5	90		38-149
4165-60-0	Nitrobenzene-d5	92		38-141
321-60-8	2-Fluorobiphenyl	81		42-140
118-79-6	2,4,6-Tribromophenol	77		28-143
1718-51-0	Terphenyl-d14	80		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1) | Lab Sample ID: 580-24938-19

Matrix: Solid | Lab File ID: FT004099.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:20

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2672(g) | Date Analyzed: 03/14/2011 17:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		63	19
106-46-7	1,4-Dichlorobenzene	ND		63	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		63	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	43
78-59-1	Isophorone	ND	*	130	6.3
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	950
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.3
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		63	19
91-20-3	Naphthalene	ND		25	6.3
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		63	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		25	6.3
77-47-4	Hexachlorocyclopentadiene	ND		130	6.3
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		25	6.3
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.3
208-96-8	Acenaphthylene	ND		25	6.3
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1) | Lab Sample ID: 580-24938-19

Matrix: Solid | Lab File ID: FT004099.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:20

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2672(g) | Date Analyzed: 03/14/2011 17:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	250
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.3
121-14-2	2,4-Dinitrotoluene	ND	*	130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		25	6.3
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND	*	63	6.3
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		63	6.3
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.3
120-12-7	Anthracene	ND		25	6.3
84-74-2	Di-n-butyl phthalate	ND		250	63
206-44-0	Fluoranthene	ND		25	6.3
129-00-0	Pyrene	ND		25	6.3
85-68-7	Butyl benzyl phthalate	ND		130	63
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	38
56-55-3	Benzo[a]anthracene	ND		32	6.3
218-01-9	Chrysene	ND		32	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	63
117-84-0	Di-n-octyl phthalate	ND		250	6.3
50-32-8	Benzo[a]pyrene	ND		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.3
53-70-3	Dibenz(a,h)anthracene	ND		51	6.3
191-24-2	Benzo[g,h,i]perylene	ND		32	6.3
86-74-8	Carbazole	ND		190	6.3
90-12-0	1-Methylnaphthalene	ND		38	6.3
205-99-2	Benzo[b]fluoranthene	ND		25	6.3
207-08-9	Benzo[k]fluoranthene	ND		32	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1) | Lab Sample ID: 580-24938-19

Matrix: Solid | Lab File ID: FT004099.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:20

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2672(g) | Date Analyzed: 03/14/2011 17:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	112		36-145
4165-62-2	Phenol-d5	99		38-149
4165-60-0	Nitrobenzene-d5	97		38-141
321-60-8	2-Fluorobiphenyl	78		42-140
118-79-6	2,4,6-Tribromophenol	84		28-143
1718-51-0	Terphenyl-d14	78		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1)D | Lab Sample ID: 580-24938-20

Matrix: Solid | Lab File ID: FT004100.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:21

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2049(g) | Date Analyzed: 03/14/2011 17:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		62	18
106-46-7	1,4-Dichlorobenzene	ND		62	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		62	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		250	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.2
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		62	18
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		62	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1)D | Lab Sample ID: 580-24938-20

Matrix: Solid | Lab File ID: FT004100.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:21

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2049(g) | Date Analyzed: 03/14/2011 17:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND	*	120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND	*	62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	18
85-01-8	Phenanthrene	ND		25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	ND		25	6.2
129-00-0	Pyrene	ND		25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND	*	250	37
56-55-3	Benzo[a]anthracene	ND		31	6.2
218-01-9	Chrysene	ND		31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	ND		37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.2
53-70-3	Dibenz(a,h)anthracene	ND		49	6.2
191-24-2	Benzo[g,h,i]perylene	ND		31	6.2
86-74-8	Carbazole	ND		180	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	ND		25	6.2
207-08-9	Benzo[k]fluoranthene	ND		31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1)D | Lab Sample ID: 580-24938-20

Matrix: Solid | Lab File ID: FT004100.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:21

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.2049(g) | Date Analyzed: 03/14/2011 17:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	110		36-145
4165-62-2	Phenol-d5	101		38-149
4165-60-0	Nitrobenzene-d5	96		38-141
321-60-8	2-Fluorobiphenyl	88		42-140
118-79-6	2,4,6-Tribromophenol	87		28-143
1718-51-0	Terphenyl-d14	85		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) | Lab Sample ID: 580-24938-21

Matrix: Solid | Lab File ID: ak024467.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3101(g) | Date Analyzed: 03/14/2011 10:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 31.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		140	21
111-44-4	Bis(2-chloroethyl)ether	ND		140	21
95-57-8	2-Chlorophenol	ND		140	21
541-73-1	1,3-Dichlorobenzene	ND		71	21
106-46-7	1,4-Dichlorobenzene	ND		71	21
100-51-6	Benzyl alcohol	ND		140	21
95-50-1	1,2-Dichlorobenzene	ND		71	21
95-48-7	2-Methylphenol	ND		140	21
15831-10-4	3 & 4 Methylphenol	ND		280	21
621-64-7	N-Nitrosodi-n-propylamine	ND		140	21
67-72-1	Hexachloroethane	ND		140	21
98-95-3	Nitrobenzene	ND		140	48
78-59-1	Isophorone	ND	*	140	7.1
88-75-5	2-Nitrophenol	ND		140	21
105-67-9	2,4-Dimethylphenol	ND		140	21
65-85-0	Benzoic acid	ND		3500	1100
111-91-1	Bis(2-chloroethoxy)methane	ND		140	7.1
120-83-2	2,4-Dichlorophenol	ND		140	21
120-82-1	1,2,4-Trichlorobenzene	ND		71	21
91-20-3	Naphthalene	ND		28	7.1
106-47-8	4-Chloroaniline	ND		140	21
87-68-3	Hexachlorobutadiene	ND		71	21
59-50-7	4-Chloro-3-methylphenol	ND		140	21
91-57-6	2-Methylnaphthalene	ND		28	7.1
77-47-4	Hexachlorocyclopentadiene	ND		140	7.1
88-06-2	2,4,6-Trichlorophenol	ND		210	21
95-95-4	2,4,5-Trichlorophenol	ND		140	21
91-58-7	2-Chloronaphthalene	ND		28	7.1
88-74-4	2-Nitroaniline	ND		140	21
131-11-3	Dimethyl phthalate	ND		140	7.1
208-96-8	Acenaphthylene	ND		28	7.1
606-20-2	2,6-Dinitrotoluene	ND		140	21
99-09-2	3-Nitroaniline	ND		140	21
83-32-9	Acenaphthene	ND		28	7.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) | Lab Sample ID: 580-24938-21

Matrix: Solid | Lab File ID: ak024467.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3101(g) | Date Analyzed: 03/14/2011 10:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 31.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1400	280
100-02-7	4-Nitrophenol	ND		1400	350
132-64-9	Dibenzofuran	ND		140	7.1
121-14-2	2,4-Dinitrotoluene	ND		140	21
84-66-2	Diethyl phthalate	ND		140	21
7005-72-3	4-Chlorophenyl phenyl ether	ND		140	21
86-73-7	Fluorene	ND		28	7.1
100-01-6	4-Nitroaniline	ND		140	21
534-52-1	4,6-Dinitro-2-methylphenol	ND		1400	140
86-30-6	N-Nitrosodiphenylamine	ND		71	7.1
101-55-3	4-Bromophenyl phenyl ether	ND		140	21
118-74-1	Hexachlorobenzene	ND		71	7.1
87-86-5	Pentachlorophenol	ND		280	21
85-01-8	Phenanthrene	ND		28	7.1
120-12-7	Anthracene	ND		28	7.1
84-74-2	Di-n-butyl phthalate	ND		280	71
206-44-0	Fluoranthene	ND		28	7.1
129-00-0	Pyrene	ND		28	7.1
85-68-7	Butyl benzyl phthalate	ND		140	71
91-94-1	3,3'-Dichlorobenzidine	ND		280	42
56-55-3	Benzo[a]anthracene	ND		35	7.1
218-01-9	Chrysene	ND		35	7.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2100	71
117-84-0	Di-n-octyl phthalate	ND		280	7.1
50-32-8	Benzo[a]pyrene	ND		42	7.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		57	7.1
53-70-3	Dibenz(a,h)anthracene	ND		57	7.1
191-24-2	Benzo[g,h,i]perylene	ND		35	7.1
86-74-8	Carbazole	ND		210	7.1
90-12-0	1-Methylnaphthalene	ND		42	7.1
205-99-2	Benzo[b]fluoranthene	ND		28	7.1
207-08-9	Benzo[k]fluoranthene	ND		35	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		210	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) | Lab Sample ID: 580-24938-21

Matrix: Solid | Lab File ID: ak024467.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3101(g) | Date Analyzed: 03/14/2011 10:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 31.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	143		36-145
4165-62-2	Phenol-d5	143		38-149
4165-60-0	Nitrobenzene-d5	152	X	38-141
321-60-8	2-Fluorobiphenyl	131		42-140
118-79-6	2,4,6-Tribromophenol	123		28-143
1718-51-0	Terphenyl-d14	116		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) | Lab Sample ID: 580-24938-22

Matrix: Solid | Lab File ID: ak024468.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2710(g) | Date Analyzed: 03/14/2011 10:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		250	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		25	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		25	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		25	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		25	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		25	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) | Lab Sample ID: 580-24938-22

Matrix: Solid | Lab File ID: ak024468.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2710(g) | Date Analyzed: 03/14/2011 10:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		25	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		250	18
85-01-8	Phenanthrene	6.8	J	25	6.1
120-12-7	Anthracene	ND		25	6.1
84-74-2	Di-n-butyl phthalate	ND		250	61
206-44-0	Fluoranthene	ND		25	6.1
129-00-0	Pyrene	ND		25	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND		250	37
56-55-3	Benzo[a]anthracene	ND		31	6.1
218-01-9	Chrysene	ND		31	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		250	6.1
50-32-8	Benzo[a]pyrene	ND		37	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.1
53-70-3	Dibenz(a,h)anthracene	ND		49	6.1
191-24-2	Benzo[g,h,i]perylene	ND		31	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	ND		37	6.1
205-99-2	Benzo[b]fluoranthene	ND		25	6.1
207-08-9	Benzo[k]fluoranthene	ND		31	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) | Lab Sample ID: 580-24938-22

Matrix: Solid | Lab File ID: ak024468.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2710(g) | Date Analyzed: 03/14/2011 10:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	126		36-145
4165-62-2	Phenol-d5	121		38-149
4165-60-0	Nitrobenzene-d5	130		38-141
321-60-8	2-Fluorobiphenyl	114		42-140
118-79-6	2,4,6-Tribromophenol	111		28-143
1718-51-0	Terphenyl-d14	95		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) | Lab Sample ID: 580-24938-23

Matrix: Solid | Lab File ID: ak024471.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4388(g) | Date Analyzed: 03/14/2011 11:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		63	19
106-46-7	1,4-Dichlorobenzene	ND		63	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		63	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	43
78-59-1	Isophorone	ND	*	130	6.3
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	950
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.3
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		63	19
91-20-3	Naphthalene	ND		25	6.3
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		63	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		25	6.3
77-47-4	Hexachlorocyclopentadiene	ND		130	6.3
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		25	6.3
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.3
208-96-8	Acenaphthylene	ND		25	6.3
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) | Lab Sample ID: 580-24938-23

Matrix: Solid | Lab File ID: ak024471.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4388(g) | Date Analyzed: 03/14/2011 11:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	250
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.3
121-14-2	2,4-Dinitrotoluene	ND		130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		25	6.3
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND		63	6.3
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		63	6.3
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.3
120-12-7	Anthracene	ND		25	6.3
84-74-2	Di-n-butyl phthalate	ND		250	63
206-44-0	Fluoranthene	ND		25	6.3
129-00-0	Pyrene	ND		25	6.3
85-68-7	Butyl benzyl phthalate	ND		130	63
91-94-1	3,3'-Dichlorobenzidine	ND		250	38
56-55-3	Benzo[a]anthracene	ND		32	6.3
218-01-9	Chrysene	ND		32	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	63
117-84-0	Di-n-octyl phthalate	ND		250	6.3
50-32-8	Benzo[a]pyrene	ND		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.3
53-70-3	Dibenz(a,h)anthracene	ND		51	6.3
191-24-2	Benzo[g,h,i]perylene	ND		32	6.3
86-74-8	Carbazole	ND		190	6.3
90-12-0	1-Methylnaphthalene	ND		38	6.3
205-99-2	Benzo[b]fluoranthene	ND		25	6.3
207-08-9	Benzo[k]fluoranthene	ND		32	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) | Lab Sample ID: 580-24938-23

Matrix: Solid | Lab File ID: ak024471.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4388(g) | Date Analyzed: 03/14/2011 11:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	93		36-145
4165-62-2	Phenol-d5	91		38-149
4165-60-0	Nitrobenzene-d5	99		38-141
321-60-8	2-Fluorobiphenyl	84		42-140
118-79-6	2,4,6-Tribromophenol	78		28-143
1718-51-0	Terphenyl-d14	78		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(0-1) | Lab Sample ID: 580-24938-24

Matrix: Solid | Lab File ID: ak024472.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4471(g) | Date Analyzed: 03/14/2011 11:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	19
111-44-4	Bis(2-chloroethyl)ether	ND		120	19
95-57-8	2-Chlorophenol	ND		120	19
541-73-1	1,3-Dichlorobenzene	ND		62	19
106-46-7	1,4-Dichlorobenzene	ND		62	19
100-51-6	Benzyl alcohol	ND		120	19
95-50-1	1,2-Dichlorobenzene	ND		62	19
95-48-7	2-Methylphenol	ND		120	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		120	19
67-72-1	Hexachloroethane	ND		120	19
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.2
88-75-5	2-Nitrophenol	ND		120	19
105-67-9	2,4-Dimethylphenol	ND		120	19
65-85-0	Benzoic acid	ND		3100	930
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	19
120-82-1	1,2,4-Trichlorobenzene	ND		62	19
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	19
87-68-3	Hexachlorobutadiene	ND		62	19
59-50-7	4-Chloro-3-methylphenol	ND		120	19
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		120	19
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	19
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	19
99-09-2	3-Nitroaniline	ND		120	19
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(0-1) | Lab Sample ID: 580-24938-24

Matrix: Solid | Lab File ID: ak024472.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4471(g) | Date Analyzed: 03/14/2011 11:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND		120	19
84-66-2	Diethyl phthalate	ND		120	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	19
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	19
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	9.7	J	25	6.2
129-00-0	Pyrene	8.3	J	25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND		250	37
56-55-3	Benzo[a]anthracene	7.9	J	31	6.2
218-01-9	Chrysene	8.4	J	31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	6.9	J	37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.2
53-70-3	Dibenz(a,h)anthracene	ND		49	6.2
191-24-2	Benzo[g,h,i]perylene	ND		31	6.2
86-74-8	Carbazole	ND		190	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	11	J	25	6.2
207-08-9	Benzo[k]fluoranthene	ND		31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(0-1) | Lab Sample ID: 580-24938-24

Matrix: Solid | Lab File ID: ak024472.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4471(g) | Date Analyzed: 03/14/2011 11:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	92		36-145
4165-62-2	Phenol-d5	88		38-149
4165-60-0	Nitrobenzene-d5	90		38-141
321-60-8	2-Fluorobiphenyl	80		42-140
118-79-6	2,4,6-Tribromophenol	75		28-143
1718-51-0	Terphenyl-d14	68		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(3-4) | Lab Sample ID: 580-24938-25

Matrix: Solid | Lab File ID: ak024473.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:55

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1477(g) | Date Analyzed: 03/14/2011 12:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	20
111-44-4	Bis(2-chloroethyl)ether	ND		130	20
95-57-8	2-Chlorophenol	ND		130	20
541-73-1	1,3-Dichlorobenzene	ND		65	20
106-46-7	1,4-Dichlorobenzene	ND		65	20
100-51-6	Benzyl alcohol	ND		130	20
95-50-1	1,2-Dichlorobenzene	ND		65	20
95-48-7	2-Methylphenol	ND		130	20
15831-10-4	3 & 4 Methylphenol	ND		260	20
621-64-7	N-Nitrosodi-n-propylamine	ND		130	20
67-72-1	Hexachloroethane	ND		130	20
98-95-3	Nitrobenzene	ND		130	44
78-59-1	Isophorone	ND	*	130	6.5
88-75-5	2-Nitrophenol	ND		130	20
105-67-9	2,4-Dimethylphenol	ND		130	20
65-85-0	Benzoic acid	ND		3300	980
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.5
120-83-2	2,4-Dichlorophenol	ND		130	20
120-82-1	1,2,4-Trichlorobenzene	ND		65	20
91-20-3	Naphthalene	ND		26	6.5
106-47-8	4-Chloroaniline	ND		130	20
87-68-3	Hexachlorobutadiene	ND		65	20
59-50-7	4-Chloro-3-methylphenol	ND		130	20
91-57-6	2-Methylnaphthalene	ND		26	6.5
77-47-4	Hexachlorocyclopentadiene	ND		130	6.5
88-06-2	2,4,6-Trichlorophenol	ND		200	20
95-95-4	2,4,5-Trichlorophenol	ND		130	20
91-58-7	2-Chloronaphthalene	ND		26	6.5
88-74-4	2-Nitroaniline	ND		130	20
131-11-3	Dimethyl phthalate	ND		130	6.5
208-96-8	Acenaphthylene	ND		26	6.5
606-20-2	2,6-Dinitrotoluene	ND		130	20
99-09-2	3-Nitroaniline	ND		130	20
83-32-9	Acenaphthene	ND		26	6.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(3-4) | Lab Sample ID: 580-24938-25

Matrix: Solid | Lab File ID: ak024473.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:55

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1477(g) | Date Analyzed: 03/14/2011 12:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	260
100-02-7	4-Nitrophenol	ND		1300	330
132-64-9	Dibenzofuran	ND		130	6.5
121-14-2	2,4-Dinitrotoluene	ND		130	20
84-66-2	Diethyl phthalate	ND		130	20
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	20
86-73-7	Fluorene	ND		26	6.5
100-01-6	4-Nitroaniline	ND		130	20
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND		65	6.5
101-55-3	4-Bromophenyl phenyl ether	ND		130	20
118-74-1	Hexachlorobenzene	ND		65	6.5
87-86-5	Pentachlorophenol	ND		260	20
85-01-8	Phenanthrene	ND		26	6.5
120-12-7	Anthracene	ND		26	6.5
84-74-2	Di-n-butyl phthalate	ND		260	65
206-44-0	Fluoranthene	ND		26	6.5
129-00-0	Pyrene	ND		26	6.5
85-68-7	Butyl benzyl phthalate	ND		130	65
91-94-1	3,3'-Dichlorobenzidine	ND		260	39
56-55-3	Benzo[a]anthracene	ND		33	6.5
218-01-9	Chrysene	ND		33	6.5
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	65
117-84-0	Di-n-octyl phthalate	ND		260	6.5
50-32-8	Benzo[a]pyrene	ND		39	6.5
193-39-5	Indeno[1,2,3-cd]pyrene	ND		52	6.5
53-70-3	Dibenz(a,h)anthracene	ND		52	6.5
191-24-2	Benzo[g,h,i]perylene	ND		33	6.5
86-74-8	Carbazole	ND		200	6.5
90-12-0	1-Methylnaphthalene	ND		39	6.5
205-99-2	Benzo[b]fluoranthene	ND		26	6.5
207-08-9	Benzo[k]fluoranthene	ND		33	6.5
108-60-1	2,2'-oxybis[1-chloropropane]	ND		200	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(3-4) | Lab Sample ID: 580-24938-25

Matrix: Solid | Lab File ID: ak024473.D

Analysis Method: 8270C | Date Collected: 03/11/2011 10:55

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1477(g) | Date Analyzed: 03/14/2011 12:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	92		36-145
4165-62-2	Phenol-d5	91		38-149
4165-60-0	Nitrobenzene-d5	92		38-141
321-60-8	2-Fluorobiphenyl	85		42-140
118-79-6	2,4,6-Tribromophenol	76		28-143
1718-51-0	Terphenyl-d14	73		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(0-1) | Lab Sample ID: 580-24938-26

Matrix: Solid | Lab File ID: ak024488.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2860(g) | Date Analyzed: 03/14/2011 17:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	41
78-59-1	Isophorone	ND	*	120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3000	910
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		24	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	9.2	J	24	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		24	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(0-1) | Lab Sample ID: 580-24938-26

Matrix: Solid | Lab File ID: ak024488.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2860(g) | Date Analyzed: 03/14/2011 17:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	300
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	13	J	24	6.1
120-12-7	Anthracene	ND		24	6.1
84-74-2	Di-n-butyl phthalate	ND		240	61
206-44-0	Fluoranthene	19	J	24	6.1
129-00-0	Pyrene	24		24	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND		240	36
56-55-3	Benzo[a]anthracene	16	J	30	6.1
218-01-9	Chrysene	42		30	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		240	6.1
50-32-8	Benzo[a]pyrene	18	J	36	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.1
53-70-3	Dibenz(a,h)anthracene	ND		49	6.1
191-24-2	Benzo[g,h,i]perylene	14	J	30	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	12	J	36	6.1
205-99-2	Benzo[b]fluoranthene	ND		24	6.1
207-08-9	Benzo[k]fluoranthene	ND		30	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(0-1) | Lab Sample ID: 580-24938-26

Matrix: Solid | Lab File ID: ak024488.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:05

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2860(g) | Date Analyzed: 03/14/2011 17:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		36-145
4165-62-2	Phenol-d5	90		38-149
4165-60-0	Nitrobenzene-d5	98		38-141
321-60-8	2-Fluorobiphenyl	84		42-140
118-79-6	2,4,6-Tribromophenol	93		28-143
1718-51-0	Terphenyl-d14	71		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(4-5) | Lab Sample ID: 580-24938-27

Matrix: Solid | Lab File ID: ak024475.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3550(g) | Date Analyzed: 03/14/2011 12:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		60	18
106-46-7	1,4-Dichlorobenzene	ND		60	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		60	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	41
78-59-1	Isophorone	ND	*	120	6.0
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3000	910
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.0
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		60	18
91-20-3	Naphthalene	ND		24	6.0
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		60	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		24	6.0
77-47-4	Hexachlorocyclopentadiene	ND		120	6.0
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.0
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.0
208-96-8	Acenaphthylene	ND		24	6.0
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(4-5) | Lab Sample ID: 580-24938-27

Matrix: Solid | Lab File ID: ak024475.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3550(g) | Date Analyzed: 03/14/2011 12:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	300
132-64-9	Dibenzofuran	ND		120	6.0
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.0
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		60	6.0
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		60	6.0
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	ND		24	6.0
120-12-7	Anthracene	ND		24	6.0
84-74-2	Di-n-butyl phthalate	ND		240	60
206-44-0	Fluoranthene	ND		24	6.0
129-00-0	Pyrene	ND		24	6.0
85-68-7	Butyl benzyl phthalate	ND		120	60
91-94-1	3,3'-Dichlorobenzidine	ND		240	36
56-55-3	Benzo[a]anthracene	ND		30	6.0
218-01-9	Chrysene	ND		30	6.0
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	60
117-84-0	Di-n-octyl phthalate	ND		240	6.0
50-32-8	Benzo[a]pyrene	ND		36	6.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND		48	6.0
53-70-3	Dibenz(a,h)anthracene	ND		48	6.0
191-24-2	Benzo[g,h,i]perylene	ND		30	6.0
86-74-8	Carbazole	ND		180	6.0
90-12-0	1-Methylnaphthalene	ND		36	6.0
205-99-2	Benzo[b]fluoranthene	ND		24	6.0
207-08-9	Benzo[k]fluoranthene	ND		30	6.0
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(4-5) | Lab Sample ID: 580-24938-27

Matrix: Solid | Lab File ID: ak024475.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3550(g) | Date Analyzed: 03/14/2011 12:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	86		36-145
4165-62-2	Phenol-d5	88		38-149
4165-60-0	Nitrobenzene-d5	86		38-141
321-60-8	2-Fluorobiphenyl	77		42-140
118-79-6	2,4,6-Tribromophenol	76		28-143
1718-51-0	Terphenyl-d14	71		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(0-1) | Lab Sample ID: 580-24938-28

Matrix: Solid | Lab File ID: ak024476.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4908(g) | Date Analyzed: 03/14/2011 13:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		110	17
111-44-4	Bis(2-chloroethyl)ether	ND		110	17
95-57-8	2-Chlorophenol	ND		110	17
541-73-1	1,3-Dichlorobenzene	ND		56	17
106-46-7	1,4-Dichlorobenzene	ND		56	17
100-51-6	Benzyl alcohol	ND		110	17
95-50-1	1,2-Dichlorobenzene	ND		56	17
95-48-7	2-Methylphenol	ND		110	17
15831-10-4	3 & 4 Methylphenol	ND		220	17
621-64-7	N-Nitrosodi-n-propylamine	ND		110	17
67-72-1	Hexachloroethane	ND		110	17
98-95-3	Nitrobenzene	ND		110	38
78-59-1	Isophorone	ND	*	110	5.6
88-75-5	2-Nitrophenol	ND		110	17
105-67-9	2,4-Dimethylphenol	ND		110	17
65-85-0	Benzoic acid	ND		2800	840
111-91-1	Bis(2-chloroethoxy)methane	ND		110	5.6
120-83-2	2,4-Dichlorophenol	ND		110	17
120-82-1	1,2,4-Trichlorobenzene	ND		56	17
91-20-3	Naphthalene	ND		22	5.6
106-47-8	4-Chloroaniline	ND		110	17
87-68-3	Hexachlorobutadiene	ND		56	17
59-50-7	4-Chloro-3-methylphenol	ND		110	17
91-57-6	2-Methylnaphthalene	ND		22	5.6
77-47-4	Hexachlorocyclopentadiene	ND		110	5.6
88-06-2	2,4,6-Trichlorophenol	ND		170	17
95-95-4	2,4,5-Trichlorophenol	ND		110	17
91-58-7	2-Chloronaphthalene	ND		22	5.6
88-74-4	2-Nitroaniline	ND		110	17
131-11-3	Dimethyl phthalate	ND		110	5.6
208-96-8	Acenaphthylene	ND		22	5.6
606-20-2	2,6-Dinitrotoluene	ND		110	17
99-09-2	3-Nitroaniline	ND		110	17
83-32-9	Acenaphthene	ND		22	5.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(0-1) | Lab Sample ID: 580-24938-28

Matrix: Solid | Lab File ID: ak024476.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4908(g) | Date Analyzed: 03/14/2011 13:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1100	220
100-02-7	4-Nitrophenol	ND		1100	280
132-64-9	Dibenzofuran	ND		110	5.6
121-14-2	2,4-Dinitrotoluene	ND		110	17
84-66-2	Diethyl phthalate	ND		110	17
7005-72-3	4-Chlorophenyl phenyl ether	ND		110	17
86-73-7	Fluorene	ND		22	5.6
100-01-6	4-Nitroaniline	ND		110	17
534-52-1	4,6-Dinitro-2-methylphenol	ND		1100	110
86-30-6	N-Nitrosodiphenylamine	ND		56	5.6
101-55-3	4-Bromophenyl phenyl ether	ND		110	17
118-74-1	Hexachlorobenzene	ND		56	5.6
87-86-5	Pentachlorophenol	ND		220	17
85-01-8	Phenanthrene	ND		22	5.6
120-12-7	Anthracene	ND		22	5.6
84-74-2	Di-n-butyl phthalate	ND		220	56
206-44-0	Fluoranthene	ND		22	5.6
129-00-0	Pyrene	ND		22	5.6
85-68-7	Butyl benzyl phthalate	ND		110	56
91-94-1	3,3'-Dichlorobenzidine	ND		220	34
56-55-3	Benzo[a]anthracene	ND		28	5.6
218-01-9	Chrysene	ND		28	5.6
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1700	56
117-84-0	Di-n-octyl phthalate	ND		220	5.6
50-32-8	Benzo[a]pyrene	ND		34	5.6
193-39-5	Indeno[1,2,3-cd]pyrene	ND		45	5.6
53-70-3	Dibenz(a,h)anthracene	ND		45	5.6
191-24-2	Benzo[g,h,i]perylene	ND		28	5.6
86-74-8	Carbazole	ND		170	5.6
90-12-0	1-Methylnaphthalene	ND		34	5.6
205-99-2	Benzo[b]fluoranthene	ND		22	5.6
207-08-9	Benzo[k]fluoranthene	ND		28	5.6
108-60-1	2,2'-oxybis[1-chloropropane]	ND		170	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(0-1) | Lab Sample ID: 580-24938-28

Matrix: Solid | Lab File ID: ak024476.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4908(g) | Date Analyzed: 03/14/2011 13:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	97		36-145
4165-62-2	Phenol-d5	92		38-149
4165-60-0	Nitrobenzene-d5	99		38-141
321-60-8	2-Fluorobiphenyl	87		42-140
118-79-6	2,4,6-Tribromophenol	81		28-143
1718-51-0	Terphenyl-d14	75		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(3-4) | Lab Sample ID: 580-24938-29

Matrix: Solid | Lab File ID: ak024477.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3917(g) | Date Analyzed: 03/14/2011 13:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		58	18
106-46-7	1,4-Dichlorobenzene	ND		58	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		58	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		230	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	40
78-59-1	Isophorone	ND	*	120	5.8
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		2900	880
111-91-1	Bis(2-chloroethoxy)methane	ND		120	5.8
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		58	18
91-20-3	Naphthalene	ND		23	5.8
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		58	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		23	5.8
77-47-4	Hexachlorocyclopentadiene	ND		120	5.8
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		23	5.8
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	5.8
208-96-8	Acenaphthylene	ND		23	5.8
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		23	5.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(3-4) | Lab Sample ID: 580-24938-29

Matrix: Solid | Lab File ID: ak024477.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3917(g) | Date Analyzed: 03/14/2011 13:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	230
100-02-7	4-Nitrophenol	ND		1200	290
132-64-9	Dibenzofuran	ND		120	5.8
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		23	5.8
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		58	5.8
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		58	5.8
87-86-5	Pentachlorophenol	ND		230	18
85-01-8	Phenanthrene	ND		23	5.8
120-12-7	Anthracene	ND		23	5.8
84-74-2	Di-n-butyl phthalate	ND		230	58
206-44-0	Fluoranthene	ND		23	5.8
129-00-0	Pyrene	ND		23	5.8
85-68-7	Butyl benzyl phthalate	ND		120	58
91-94-1	3,3'-Dichlorobenzidine	ND		230	35
56-55-3	Benzo[a]anthracene	ND		29	5.8
218-01-9	Chrysene	ND		29	5.8
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	58
117-84-0	Di-n-octyl phthalate	ND		230	5.8
50-32-8	Benzo[a]pyrene	ND		35	5.8
193-39-5	Indeno[1,2,3-cd]pyrene	ND		47	5.8
53-70-3	Dibenz(a,h)anthracene	ND		47	5.8
191-24-2	Benzo[g,h,i]perylene	ND		29	5.8
86-74-8	Carbazole	ND		180	5.8
90-12-0	1-Methylnaphthalene	ND		35	5.8
205-99-2	Benzo[b]fluoranthene	ND		23	5.8
207-08-9	Benzo[k]fluoranthene	ND		29	5.8
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(3-4) | Lab Sample ID: 580-24938-29

Matrix: Solid | Lab File ID: ak024477.D

Analysis Method: 8270C | Date Collected: 03/11/2011 11:40

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3917(g) | Date Analyzed: 03/14/2011 13:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	100		36-145
4165-62-2	Phenol-d5	98		38-149
4165-60-0	Nitrobenzene-d5	106		38-141
321-60-8	2-Fluorobiphenyl	90		42-140
118-79-6	2,4,6-Tribromophenol	77		28-143
1718-51-0	Terphenyl-d14	80		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(0-1) | Lab Sample ID: 580-24938-30

Matrix: Solid | Lab File ID: ak024478.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:05

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4183(g) | Date Analyzed: 03/14/2011 14:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	17
111-44-4	Bis(2-chloroethyl)ether	ND		120	17
95-57-8	2-Chlorophenol	ND		120	17
541-73-1	1,3-Dichlorobenzene	ND		58	17
106-46-7	1,4-Dichlorobenzene	ND		58	17
100-51-6	Benzyl alcohol	ND		120	17
95-50-1	1,2-Dichlorobenzene	ND		58	17
95-48-7	2-Methylphenol	ND		120	17
15831-10-4	3 & 4 Methylphenol	ND		230	17
621-64-7	N-Nitrosodi-n-propylamine	ND		120	17
67-72-1	Hexachloroethane	ND		120	17
98-95-3	Nitrobenzene	ND		120	40
78-59-1	Isophorone	ND	*	120	5.8
88-75-5	2-Nitrophenol	ND		120	17
105-67-9	2,4-Dimethylphenol	ND		120	17
65-85-0	Benzoic acid	ND		2900	870
111-91-1	Bis(2-chloroethoxy)methane	ND		120	5.8
120-83-2	2,4-Dichlorophenol	ND		120	17
120-82-1	1,2,4-Trichlorobenzene	ND		58	17
91-20-3	Naphthalene	ND		23	5.8
106-47-8	4-Chloroaniline	ND		120	17
87-68-3	Hexachlorobutadiene	ND		58	17
59-50-7	4-Chloro-3-methylphenol	ND		120	17
91-57-6	2-Methylnaphthalene	ND		23	5.8
77-47-4	Hexachlorocyclopentadiene	ND		120	5.8
88-06-2	2,4,6-Trichlorophenol	ND		170	17
95-95-4	2,4,5-Trichlorophenol	ND		120	17
91-58-7	2-Chloronaphthalene	ND		23	5.8
88-74-4	2-Nitroaniline	ND		120	17
131-11-3	Dimethyl phthalate	ND		120	5.8
208-96-8	Acenaphthylene	ND		23	5.8
606-20-2	2,6-Dinitrotoluene	ND		120	17
99-09-2	3-Nitroaniline	ND		120	17
83-32-9	Acenaphthene	ND		23	5.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(0-1) | Lab Sample ID: 580-24938-30

Matrix: Solid | Lab File ID: ak024478.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:05

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4183(g) | Date Analyzed: 03/14/2011 14:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	230
100-02-7	4-Nitrophenol	ND		1200	290
132-64-9	Dibenzofuran	ND		120	5.8
121-14-2	2,4-Dinitrotoluene	ND		120	17
84-66-2	Diethyl phthalate	ND		120	17
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	17
86-73-7	Fluorene	ND		23	5.8
100-01-6	4-Nitroaniline	ND		120	17
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		58	5.8
101-55-3	4-Bromophenyl phenyl ether	ND		120	17
118-74-1	Hexachlorobenzene	ND		58	5.8
87-86-5	Pentachlorophenol	ND		230	17
85-01-8	Phenanthrene	ND		23	5.8
120-12-7	Anthracene	ND		23	5.8
84-74-2	Di-n-butyl phthalate	ND		230	58
206-44-0	Fluoranthene	ND		23	5.8
129-00-0	Pyrene	ND		23	5.8
85-68-7	Butyl benzyl phthalate	ND		120	58
91-94-1	3,3'-Dichlorobenzidine	ND		230	35
56-55-3	Benzo[a]anthracene	ND		29	5.8
218-01-9	Chrysene	ND		29	5.8
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1700	58
117-84-0	Di-n-octyl phthalate	ND		230	5.8
50-32-8	Benzo[a]pyrene	ND		35	5.8
193-39-5	Indeno[1,2,3-cd]pyrene	ND		47	5.8
53-70-3	Dibenz(a,h)anthracene	ND		47	5.8
191-24-2	Benzo[g,h,i]perylene	ND		29	5.8
86-74-8	Carbazole	ND		170	5.8
90-12-0	1-Methylnaphthalene	ND		35	5.8
205-99-2	Benzo[b]fluoranthene	ND		23	5.8
207-08-9	Benzo[k]fluoranthene	ND		29	5.8
108-60-1	2,2'-oxybis[1-chloropropane]	ND		170	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(0-1) | Lab Sample ID: 580-24938-30

Matrix: Solid | Lab File ID: ak024478.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:05

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4183(g) | Date Analyzed: 03/14/2011 14:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	101		36-145
4165-62-2	Phenol-d5	95		38-149
4165-60-0	Nitrobenzene-d5	102		38-141
321-60-8	2-Fluorobiphenyl	93		42-140
118-79-6	2,4,6-Tribromophenol	93		28-143
1718-51-0	Terphenyl-d14	85		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(3-4) | Lab Sample ID: 580-24938-31

Matrix: Solid | Lab File ID: ak024479.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1598(g) | Date Analyzed: 03/14/2011 14:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	19
111-44-4	Bis(2-chloroethyl)ether	ND		120	19
95-57-8	2-Chlorophenol	ND		120	19
541-73-1	1,3-Dichlorobenzene	ND		62	19
106-46-7	1,4-Dichlorobenzene	ND		62	19
100-51-6	Benzyl alcohol	ND		120	19
95-50-1	1,2-Dichlorobenzene	ND		62	19
95-48-7	2-Methylphenol	ND		120	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		120	19
67-72-1	Hexachloroethane	ND		120	19
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.2
88-75-5	2-Nitrophenol	ND		120	19
105-67-9	2,4-Dimethylphenol	ND		120	19
65-85-0	Benzoic acid	ND		3100	930
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	19
120-82-1	1,2,4-Trichlorobenzene	ND		62	19
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	19
87-68-3	Hexachlorobutadiene	ND		62	19
59-50-7	4-Chloro-3-methylphenol	ND		120	19
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		120	19
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	19
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	19
99-09-2	3-Nitroaniline	ND		120	19
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(3-4) | Lab Sample ID: 580-24938-31

Matrix: Solid | Lab File ID: ak024479.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1598(g) | Date Analyzed: 03/14/2011 14:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND		120	19
84-66-2	Diethyl phthalate	ND		120	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	19
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	19
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	ND		25	6.2
129-00-0	Pyrene	ND		25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND		250	37
56-55-3	Benzo[a]anthracene	ND		31	6.2
218-01-9	Chrysene	ND		31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	ND		37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		50	6.2
53-70-3	Dibenz(a,h)anthracene	ND		50	6.2
191-24-2	Benzo[g,h,i]perylene	ND		31	6.2
86-74-8	Carbazole	ND		190	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	ND		25	6.2
207-08-9	Benzo[k]fluoranthene	ND		31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(3-4) | Lab Sample ID: 580-24938-31

Matrix: Solid | Lab File ID: ak024479.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1598(g) | Date Analyzed: 03/14/2011 14:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	108		36-145
4165-62-2	Phenol-d5	111		38-149
4165-60-0	Nitrobenzene-d5	107		38-141
321-60-8	2-Fluorobiphenyl	103		42-140
118-79-6	2,4,6-Tribromophenol	88		28-143
1718-51-0	Terphenyl-d14	87		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(0-1) | Lab Sample ID: 580-24938-32

Matrix: Solid | Lab File ID: ak024480.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:26

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1538(g) | Date Analyzed: 03/14/2011 14:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	18
111-44-4	Bis(2-chloroethyl)ether	ND		120	18
95-57-8	2-Chlorophenol	ND		120	18
541-73-1	1,3-Dichlorobenzene	ND		61	18
106-46-7	1,4-Dichlorobenzene	ND		61	18
100-51-6	Benzyl alcohol	ND		120	18
95-50-1	1,2-Dichlorobenzene	ND		61	18
95-48-7	2-Methylphenol	ND		120	18
15831-10-4	3 & 4 Methylphenol	ND		240	18
621-64-7	N-Nitrosodi-n-propylamine	ND		120	18
67-72-1	Hexachloroethane	ND		120	18
98-95-3	Nitrobenzene	ND		120	41
78-59-1	Isophorone	ND	*	120	6.1
88-75-5	2-Nitrophenol	ND		120	18
105-67-9	2,4-Dimethylphenol	ND		120	18
65-85-0	Benzoic acid	ND		3100	920
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.1
120-83-2	2,4-Dichlorophenol	ND		120	18
120-82-1	1,2,4-Trichlorobenzene	ND		61	18
91-20-3	Naphthalene	ND		24	6.1
106-47-8	4-Chloroaniline	ND		120	18
87-68-3	Hexachlorobutadiene	ND		61	18
59-50-7	4-Chloro-3-methylphenol	ND		120	18
91-57-6	2-Methylnaphthalene	ND		24	6.1
77-47-4	Hexachlorocyclopentadiene	ND		120	6.1
88-06-2	2,4,6-Trichlorophenol	ND		180	18
95-95-4	2,4,5-Trichlorophenol	ND		120	18
91-58-7	2-Chloronaphthalene	ND		24	6.1
88-74-4	2-Nitroaniline	ND		120	18
131-11-3	Dimethyl phthalate	ND		120	6.1
208-96-8	Acenaphthylene	ND		24	6.1
606-20-2	2,6-Dinitrotoluene	ND		120	18
99-09-2	3-Nitroaniline	ND		120	18
83-32-9	Acenaphthene	ND		24	6.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(0-1) | Lab Sample ID: 580-24938-32

Matrix: Solid | Lab File ID: ak024480.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:26

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1538(g) | Date Analyzed: 03/14/2011 14:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	240
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.1
121-14-2	2,4-Dinitrotoluene	ND		120	18
84-66-2	Diethyl phthalate	ND		120	18
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	18
86-73-7	Fluorene	ND		24	6.1
100-01-6	4-Nitroaniline	ND		120	18
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		61	6.1
101-55-3	4-Bromophenyl phenyl ether	ND		120	18
118-74-1	Hexachlorobenzene	ND		61	6.1
87-86-5	Pentachlorophenol	ND		240	18
85-01-8	Phenanthrene	ND		24	6.1
120-12-7	Anthracene	ND		24	6.1
84-74-2	Di-n-butyl phthalate	ND		240	61
206-44-0	Fluoranthene	ND		24	6.1
129-00-0	Pyrene	ND		24	6.1
85-68-7	Butyl benzyl phthalate	ND		120	61
91-94-1	3,3'-Dichlorobenzidine	ND		240	37
56-55-3	Benzo[a]anthracene	ND		31	6.1
218-01-9	Chrysene	ND		31	6.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1800	61
117-84-0	Di-n-octyl phthalate	ND		240	6.1
50-32-8	Benzo[a]pyrene	ND		37	6.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		49	6.1
53-70-3	Dibenz(a,h)anthracene	ND		49	6.1
191-24-2	Benzo[g,h,i]perylene	ND		31	6.1
86-74-8	Carbazole	ND		180	6.1
90-12-0	1-Methylnaphthalene	ND		37	6.1
205-99-2	Benzo[b]fluoranthene	ND		24	6.1
207-08-9	Benzo[k]fluoranthene	ND		31	6.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(0-1) | Lab Sample ID: 580-24938-32

Matrix: Solid | Lab File ID: ak024480.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:26

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1538(g) | Date Analyzed: 03/14/2011 14:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		36-145
4165-62-2	Phenol-d5	92		38-149
4165-60-0	Nitrobenzene-d5	96		38-141
321-60-8	2-Fluorobiphenyl	88		42-140
118-79-6	2,4,6-Tribromophenol	80		28-143
1718-51-0	Terphenyl-d14	80		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(4-5) | Lab Sample ID: 580-24938-33

Matrix: Solid | Lab File ID: ak024481.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2693(g) | Date Analyzed: 03/14/2011 15:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		130	19
111-44-4	Bis(2-chloroethyl)ether	ND		130	19
95-57-8	2-Chlorophenol	ND		130	19
541-73-1	1,3-Dichlorobenzene	ND		63	19
106-46-7	1,4-Dichlorobenzene	ND		63	19
100-51-6	Benzyl alcohol	ND		130	19
95-50-1	1,2-Dichlorobenzene	ND		63	19
95-48-7	2-Methylphenol	ND		130	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		130	19
67-72-1	Hexachloroethane	ND		130	19
98-95-3	Nitrobenzene	ND		130	43
78-59-1	Isophorone	ND	*	130	6.3
88-75-5	2-Nitrophenol	ND		130	19
105-67-9	2,4-Dimethylphenol	ND		130	19
65-85-0	Benzoic acid	ND		3200	950
111-91-1	Bis(2-chloroethoxy)methane	ND		130	6.3
120-83-2	2,4-Dichlorophenol	ND		130	19
120-82-1	1,2,4-Trichlorobenzene	ND		63	19
91-20-3	Naphthalene	ND		25	6.3
106-47-8	4-Chloroaniline	ND		130	19
87-68-3	Hexachlorobutadiene	ND		63	19
59-50-7	4-Chloro-3-methylphenol	ND		130	19
91-57-6	2-Methylnaphthalene	ND		25	6.3
77-47-4	Hexachlorocyclopentadiene	ND		130	6.3
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		130	19
91-58-7	2-Chloronaphthalene	ND		25	6.3
88-74-4	2-Nitroaniline	ND		130	19
131-11-3	Dimethyl phthalate	ND		130	6.3
208-96-8	Acenaphthylene	ND		25	6.3
606-20-2	2,6-Dinitrotoluene	ND		130	19
99-09-2	3-Nitroaniline	ND		130	19
83-32-9	Acenaphthene	ND		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(4-5) | Lab Sample ID: 580-24938-33

Matrix: Solid | Lab File ID: ak024481.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2693(g) | Date Analyzed: 03/14/2011 15:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1300	250
100-02-7	4-Nitrophenol	ND		1300	320
132-64-9	Dibenzofuran	ND		130	6.3
121-14-2	2,4-Dinitrotoluene	ND		130	19
84-66-2	Diethyl phthalate	ND		130	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		130	19
86-73-7	Fluorene	ND		25	6.3
100-01-6	4-Nitroaniline	ND		130	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1300	130
86-30-6	N-Nitrosodiphenylamine	ND		63	6.3
101-55-3	4-Bromophenyl phenyl ether	ND		130	19
118-74-1	Hexachlorobenzene	ND		63	6.3
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.3
120-12-7	Anthracene	ND		25	6.3
84-74-2	Di-n-butyl phthalate	ND		250	63
206-44-0	Fluoranthene	ND		25	6.3
129-00-0	Pyrene	ND		25	6.3
85-68-7	Butyl benzyl phthalate	ND		130	63
91-94-1	3,3'-Dichlorobenzidine	ND		250	38
56-55-3	Benzo[a]anthracene	ND		32	6.3
218-01-9	Chrysene	ND		32	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	63
117-84-0	Di-n-octyl phthalate	ND		250	6.3
50-32-8	Benzo[a]pyrene	ND		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		51	6.3
53-70-3	Dibenz(a,h)anthracene	ND		51	6.3
191-24-2	Benzo[g,h,i]perylene	ND		32	6.3
86-74-8	Carbazole	ND		190	6.3
90-12-0	1-Methylnaphthalene	ND		38	6.3
205-99-2	Benzo[b]fluoranthene	ND		25	6.3
207-08-9	Benzo[k]fluoranthene	ND		32	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(4-5) | Lab Sample ID: 580-24938-33

Matrix: Solid | Lab File ID: ak024481.D

Analysis Method: 8270C | Date Collected: 03/11/2011 12:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2693(g) | Date Analyzed: 03/14/2011 15:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	97		36-145
4165-62-2	Phenol-d5	94		38-149
4165-60-0	Nitrobenzene-d5	97		38-141
321-60-8	2-Fluorobiphenyl	87		42-140
118-79-6	2,4,6-Tribromophenol	77		28-143
1718-51-0	Terphenyl-d14	78		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(0-1) | Lab Sample ID: 580-24938-34

Matrix: Solid | Lab File ID: ak024482.D

Analysis Method: 8270C | Date Collected: 03/11/2011 14:10

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3999(g) | Date Analyzed: 03/14/2011 15:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		100	16
111-44-4	Bis(2-chloroethyl)ether	ND		100	16
95-57-8	2-Chlorophenol	ND		100	16
541-73-1	1,3-Dichlorobenzene	ND		52	16
106-46-7	1,4-Dichlorobenzene	ND		52	16
100-51-6	Benzyl alcohol	ND		100	16
95-50-1	1,2-Dichlorobenzene	ND		52	16
95-48-7	2-Methylphenol	ND		100	16
15831-10-4	3 & 4 Methylphenol	ND		210	16
621-64-7	N-Nitrosodi-n-propylamine	ND		100	16
67-72-1	Hexachloroethane	ND		100	16
98-95-3	Nitrobenzene	ND		100	36
78-59-1	Isophorone	ND	*	100	5.2
88-75-5	2-Nitrophenol	ND		100	16
105-67-9	2,4-Dimethylphenol	ND		100	16
65-85-0	Benzoic acid	ND		2600	790
111-91-1	Bis(2-chloroethoxy)methane	ND		100	5.2
120-83-2	2,4-Dichlorophenol	ND		100	16
120-82-1	1,2,4-Trichlorobenzene	ND		52	16
91-20-3	Naphthalene	ND		21	5.2
106-47-8	4-Chloroaniline	ND		100	16
87-68-3	Hexachlorobutadiene	ND		52	16
59-50-7	4-Chloro-3-methylphenol	ND		100	16
91-57-6	2-Methylnaphthalene	23		21	5.2
77-47-4	Hexachlorocyclopentadiene	ND		100	5.2
88-06-2	2,4,6-Trichlorophenol	ND		160	16
95-95-4	2,4,5-Trichlorophenol	ND		100	16
91-58-7	2-Chloronaphthalene	ND		21	5.2
88-74-4	2-Nitroaniline	ND		100	16
131-11-3	Dimethyl phthalate	ND		100	5.2
208-96-8	Acenaphthylene	ND		21	5.2
606-20-2	2,6-Dinitrotoluene	ND		100	16
99-09-2	3-Nitroaniline	ND		100	16
83-32-9	Acenaphthene	ND		21	5.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(0-1) | Lab Sample ID: 580-24938-34

Matrix: Solid | Lab File ID: ak024482.D

Analysis Method: 8270C | Date Collected: 03/11/2011 14:10

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3999(g) | Date Analyzed: 03/14/2011 15:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1000	210
100-02-7	4-Nitrophenol	ND		1000	260
132-64-9	Dibenzofuran	ND		100	5.2
121-14-2	2,4-Dinitrotoluene	ND		100	16
84-66-2	Diethyl phthalate	ND		100	16
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	16
86-73-7	Fluorene	ND		21	5.2
100-01-6	4-Nitroaniline	ND		100	16
534-52-1	4,6-Dinitro-2-methylphenol	ND		1000	100
86-30-6	N-Nitrosodiphenylamine	ND		52	5.2
101-55-3	4-Bromophenyl phenyl ether	ND		100	16
118-74-1	Hexachlorobenzene	ND		52	5.2
87-86-5	Pentachlorophenol	ND		210	16
85-01-8	Phenanthrene	7.7	J	21	5.2
120-12-7	Anthracene	ND		21	5.2
84-74-2	Di-n-butyl phthalate	ND		210	52
206-44-0	Fluoranthene	ND		21	5.2
129-00-0	Pyrene	ND		21	5.2
85-68-7	Butyl benzyl phthalate	ND		100	52
91-94-1	3,3'-Dichlorobenzidine	ND		210	31
56-55-3	Benzo[a]anthracene	ND		26	5.2
218-01-9	Chrysene	ND		26	5.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1600	52
117-84-0	Di-n-octyl phthalate	ND		210	5.2
50-32-8	Benzo[a]pyrene	ND		31	5.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		42	5.2
53-70-3	Dibenz(a,h)anthracene	ND		42	5.2
191-24-2	Benzo[g,h,i]perylene	16	J	26	5.2
86-74-8	Carbazole	ND		160	5.2
90-12-0	1-Methylnaphthalene	14	J	31	5.2
205-99-2	Benzo[b]fluoranthene	ND		21	5.2
207-08-9	Benzo[k]fluoranthene	ND		26	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		160	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(0-1) | Lab Sample ID: 580-24938-34

Matrix: Solid | Lab File ID: ak024482.D

Analysis Method: 8270C | Date Collected: 03/11/2011 14:10

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.3999(g) | Date Analyzed: 03/14/2011 15:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	109		36-145
4165-62-2	Phenol-d5	106		38-149
4165-60-0	Nitrobenzene-d5	101		38-141
321-60-8	2-Fluorobiphenyl	98		42-140
118-79-6	2,4,6-Tribromophenol	86		28-143
1718-51-0	Terphenyl-d14	81		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(7-8) | Lab Sample ID: 580-24938-35

Matrix: Solid | Lab File ID: ak024483.D

Analysis Method: 8270C | Date Collected: 03/11/2011 14:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2688(g) | Date Analyzed: 03/14/2011 15:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		120	19
111-44-4	Bis(2-chloroethyl)ether	ND		120	19
95-57-8	2-Chlorophenol	ND		120	19
541-73-1	1,3-Dichlorobenzene	ND		62	19
106-46-7	1,4-Dichlorobenzene	ND		62	19
100-51-6	Benzyl alcohol	ND		120	19
95-50-1	1,2-Dichlorobenzene	ND		62	19
95-48-7	2-Methylphenol	ND		120	19
15831-10-4	3 & 4 Methylphenol	ND		250	19
621-64-7	N-Nitrosodi-n-propylamine	ND		120	19
67-72-1	Hexachloroethane	ND		120	19
98-95-3	Nitrobenzene	ND		120	42
78-59-1	Isophorone	ND	*	120	6.2
88-75-5	2-Nitrophenol	ND		120	19
105-67-9	2,4-Dimethylphenol	ND		120	19
65-85-0	Benzoic acid	ND		3100	940
111-91-1	Bis(2-chloroethoxy)methane	ND		120	6.2
120-83-2	2,4-Dichlorophenol	ND		120	19
120-82-1	1,2,4-Trichlorobenzene	ND		62	19
91-20-3	Naphthalene	ND		25	6.2
106-47-8	4-Chloroaniline	ND		120	19
87-68-3	Hexachlorobutadiene	ND		62	19
59-50-7	4-Chloro-3-methylphenol	ND		120	19
91-57-6	2-Methylnaphthalene	ND		25	6.2
77-47-4	Hexachlorocyclopentadiene	ND		120	6.2
88-06-2	2,4,6-Trichlorophenol	ND		190	19
95-95-4	2,4,5-Trichlorophenol	ND		120	19
91-58-7	2-Chloronaphthalene	ND		25	6.2
88-74-4	2-Nitroaniline	ND		120	19
131-11-3	Dimethyl phthalate	ND		120	6.2
208-96-8	Acenaphthylene	ND		25	6.2
606-20-2	2,6-Dinitrotoluene	ND		120	19
99-09-2	3-Nitroaniline	ND		120	19
83-32-9	Acenaphthene	ND		25	6.2

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(7-8) | Lab Sample ID: 580-24938-35

Matrix: Solid | Lab File ID: ak024483.D

Analysis Method: 8270C | Date Collected: 03/11/2011 14:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2688(g) | Date Analyzed: 03/14/2011 15:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1200	250
100-02-7	4-Nitrophenol	ND		1200	310
132-64-9	Dibenzofuran	ND		120	6.2
121-14-2	2,4-Dinitrotoluene	ND		120	19
84-66-2	Diethyl phthalate	ND		120	19
7005-72-3	4-Chlorophenyl phenyl ether	ND		120	19
86-73-7	Fluorene	ND		25	6.2
100-01-6	4-Nitroaniline	ND		120	19
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	120
86-30-6	N-Nitrosodiphenylamine	ND		62	6.2
101-55-3	4-Bromophenyl phenyl ether	ND		120	19
118-74-1	Hexachlorobenzene	ND		62	6.2
87-86-5	Pentachlorophenol	ND		250	19
85-01-8	Phenanthrene	ND		25	6.2
120-12-7	Anthracene	ND		25	6.2
84-74-2	Di-n-butyl phthalate	ND		250	62
206-44-0	Fluoranthene	ND		25	6.2
129-00-0	Pyrene	ND		25	6.2
85-68-7	Butyl benzyl phthalate	ND		120	62
91-94-1	3,3'-Dichlorobenzidine	ND		250	37
56-55-3	Benzo[a]anthracene	ND		31	6.2
218-01-9	Chrysene	ND		31	6.2
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	62
117-84-0	Di-n-octyl phthalate	ND		250	6.2
50-32-8	Benzo[a]pyrene	ND		37	6.2
193-39-5	Indeno[1,2,3-cd]pyrene	ND		50	6.2
53-70-3	Dibenz(a,h)anthracene	ND		50	6.2
191-24-2	Benzo[g,h,i]perylene	ND		31	6.2
86-74-8	Carbazole	ND		190	6.2
90-12-0	1-Methylnaphthalene	ND		37	6.2
205-99-2	Benzo[b]fluoranthene	ND		25	6.2
207-08-9	Benzo[k]fluoranthene	ND		31	6.2
108-60-1	2,2'-oxybis[1-chloropropane]	ND		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(7-8) | Lab Sample ID: 580-24938-35

Matrix: Solid | Lab File ID: ak024483.D

Analysis Method: 8270C | Date Collected: 03/11/2011 14:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.2688(g) | Date Analyzed: 03/14/2011 15:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	115		36-145
4165-62-2	Phenol-d5	107		38-149
4165-60-0	Nitrobenzene-d5	117		38-141
321-60-8	2-Fluorobiphenyl	106		42-140
118-79-6	2,4,6-Tribromophenol	94		28-143
1718-51-0	Terphenyl-d14	94		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(0-1) | Lab Sample ID: 580-24938-36

Matrix: Solid | Lab File ID: ak024484.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0367(g) | Date Analyzed: 03/14/2011 16:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		100	15
111-44-4	Bis(2-chloroethyl)ether	ND		100	15
95-57-8	2-Chlorophenol	ND		100	15
541-73-1	1,3-Dichlorobenzene	ND		51	15
106-46-7	1,4-Dichlorobenzene	ND		51	15
100-51-6	Benzyl alcohol	ND		100	15
95-50-1	1,2-Dichlorobenzene	ND		51	15
95-48-7	2-Methylphenol	ND		100	15
15831-10-4	3 & 4 Methylphenol	ND		210	15
621-64-7	N-Nitrosodi-n-propylamine	ND		100	15
67-72-1	Hexachloroethane	ND		100	15
98-95-3	Nitrobenzene	ND		100	35
78-59-1	Isophorone	ND	*	100	5.1
88-75-5	2-Nitrophenol	ND		100	15
105-67-9	2,4-Dimethylphenol	ND		100	15
65-85-0	Benzoic acid	ND		2600	770
111-91-1	Bis(2-chloroethoxy)methane	ND		100	5.1
120-83-2	2,4-Dichlorophenol	ND		100	15
120-82-1	1,2,4-Trichlorobenzene	ND		51	15
91-20-3	Naphthalene	ND		21	5.1
106-47-8	4-Chloroaniline	ND		100	15
87-68-3	Hexachlorobutadiene	ND		51	15
59-50-7	4-Chloro-3-methylphenol	ND		100	15
91-57-6	2-Methylnaphthalene	ND		21	5.1
77-47-4	Hexachlorocyclopentadiene	ND		100	5.1
88-06-2	2,4,6-Trichlorophenol	ND		150	15
95-95-4	2,4,5-Trichlorophenol	ND		100	15
91-58-7	2-Chloronaphthalene	ND		21	5.1
88-74-4	2-Nitroaniline	ND		100	15
131-11-3	Dimethyl phthalate	ND		100	5.1
208-96-8	Acenaphthylene	ND		21	5.1
606-20-2	2,6-Dinitrotoluene	ND		100	15
99-09-2	3-Nitroaniline	ND		100	15
83-32-9	Acenaphthene	ND		21	5.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(0-1) | Lab Sample ID: 580-24938-36

Matrix: Solid | Lab File ID: ak024484.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0367(g) | Date Analyzed: 03/14/2011 16:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1000	210
100-02-7	4-Nitrophenol	ND		1000	260
132-64-9	Dibenzofuran	ND		100	5.1
121-14-2	2,4-Dinitrotoluene	ND		100	15
84-66-2	Diethyl phthalate	ND		100	15
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	15
86-73-7	Fluorene	ND		21	5.1
100-01-6	4-Nitroaniline	ND		100	15
534-52-1	4,6-Dinitro-2-methylphenol	ND		1000	100
86-30-6	N-Nitrosodiphenylamine	ND		51	5.1
101-55-3	4-Bromophenyl phenyl ether	ND		100	15
118-74-1	Hexachlorobenzene	ND		51	5.1
87-86-5	Pentachlorophenol	ND		210	15
85-01-8	Phenanthrene	ND		21	5.1
120-12-7	Anthracene	ND		21	5.1
84-74-2	Di-n-butyl phthalate	ND		210	51
206-44-0	Fluoranthene	ND		21	5.1
129-00-0	Pyrene	ND		21	5.1
85-68-7	Butyl benzyl phthalate	ND		100	51
91-94-1	3,3'-Dichlorobenzidine	ND		210	31
56-55-3	Benzo[a]anthracene	ND		26	5.1
218-01-9	Chrysene	ND		26	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1500	51
117-84-0	Di-n-octyl phthalate	ND		210	5.1
50-32-8	Benzo[a]pyrene	ND		31	5.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		41	5.1
53-70-3	Dibenz(a,h)anthracene	ND		41	5.1
191-24-2	Benzo[g,h,i]perylene	ND		26	5.1
86-74-8	Carbazole	ND		150	5.1
90-12-0	1-Methylnaphthalene	ND		31	5.1
205-99-2	Benzo[b]fluoranthene	ND		21	5.1
207-08-9	Benzo[k]fluoranthene	ND		26	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(0-1) | Lab Sample ID: 580-24938-36

Matrix: Solid | Lab File ID: ak024484.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:30

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0367(g) | Date Analyzed: 03/14/2011 16:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 2.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	98		36-145
4165-62-2	Phenol-d5	92		38-149
4165-60-0	Nitrobenzene-d5	96		38-141
321-60-8	2-Fluorobiphenyl	94		42-140
118-79-6	2,4,6-Tribromophenol	81		28-143
1718-51-0	Terphenyl-d14	83		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(3-4) | Lab Sample ID: 580-24938-37

Matrix: Solid | Lab File ID: ak024485.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4827(g) | Date Analyzed: 03/14/2011 16:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		100	15
111-44-4	Bis(2-chloroethyl)ether	ND		100	15
95-57-8	2-Chlorophenol	ND		100	15
541-73-1	1,3-Dichlorobenzene	ND		51	15
106-46-7	1,4-Dichlorobenzene	ND		51	15
100-51-6	Benzyl alcohol	ND		100	15
95-50-1	1,2-Dichlorobenzene	ND		51	15
95-48-7	2-Methylphenol	ND		100	15
15831-10-4	3 & 4 Methylphenol	ND		210	15
621-64-7	N-Nitrosodi-n-propylamine	ND		100	15
67-72-1	Hexachloroethane	ND		100	15
98-95-3	Nitrobenzene	ND		100	35
78-59-1	Isophorone	ND	*	100	5.1
88-75-5	2-Nitrophenol	ND		100	15
105-67-9	2,4-Dimethylphenol	ND		100	15
65-85-0	Benzoic acid	ND		2600	770
111-91-1	Bis(2-chloroethoxy)methane	ND		100	5.1
120-83-2	2,4-Dichlorophenol	ND		100	15
120-82-1	1,2,4-Trichlorobenzene	ND		51	15
91-20-3	Naphthalene	ND		21	5.1
106-47-8	4-Chloroaniline	ND		100	15
87-68-3	Hexachlorobutadiene	ND		51	15
59-50-7	4-Chloro-3-methylphenol	ND		100	15
91-57-6	2-Methylnaphthalene	ND		21	5.1
77-47-4	Hexachlorocyclopentadiene	ND		100	5.1
88-06-2	2,4,6-Trichlorophenol	ND		150	15
95-95-4	2,4,5-Trichlorophenol	ND		100	15
91-58-7	2-Chloronaphthalene	ND		21	5.1
88-74-4	2-Nitroaniline	ND		100	15
131-11-3	Dimethyl phthalate	ND		100	5.1
208-96-8	Acenaphthylene	ND		21	5.1
606-20-2	2,6-Dinitrotoluene	ND		100	15
99-09-2	3-Nitroaniline	ND		100	15
83-32-9	Acenaphthene	ND		21	5.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(3-4) | Lab Sample ID: 580-24938-37

Matrix: Solid | Lab File ID: ak024485.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4827(g) | Date Analyzed: 03/14/2011 16:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1000	210
100-02-7	4-Nitrophenol	ND		1000	260
132-64-9	Dibenzofuran	ND		100	5.1
121-14-2	2,4-Dinitrotoluene	ND		100	15
84-66-2	Diethyl phthalate	ND		100	15
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	15
86-73-7	Fluorene	ND		21	5.1
100-01-6	4-Nitroaniline	ND		100	15
534-52-1	4,6-Dinitro-2-methylphenol	ND		1000	100
86-30-6	N-Nitrosodiphenylamine	ND		51	5.1
101-55-3	4-Bromophenyl phenyl ether	ND		100	15
118-74-1	Hexachlorobenzene	ND		51	5.1
87-86-5	Pentachlorophenol	ND		210	15
85-01-8	Phenanthrene	ND		21	5.1
120-12-7	Anthracene	ND		21	5.1
84-74-2	Di-n-butyl phthalate	ND		210	51
206-44-0	Fluoranthene	ND		21	5.1
129-00-0	Pyrene	ND		21	5.1
85-68-7	Butyl benzyl phthalate	ND		100	51
91-94-1	3,3'-Dichlorobenzidine	ND		210	31
56-55-3	Benzo[a]anthracene	ND		26	5.1
218-01-9	Chrysene	ND		26	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1500	51
117-84-0	Di-n-octyl phthalate	ND		210	5.1
50-32-8	Benzo[a]pyrene	ND		31	5.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		41	5.1
53-70-3	Dibenz(a,h)anthracene	ND		41	5.1
191-24-2	Benzo[g,h,i]perylene	ND		26	5.1
86-74-8	Carbazole	ND		150	5.1
90-12-0	1-Methylnaphthalene	ND		31	5.1
205-99-2	Benzo[b]fluoranthene	ND		21	5.1
207-08-9	Benzo[k]fluoranthene	ND		26	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(3-4) | Lab Sample ID: 580-24938-37

Matrix: Solid | Lab File ID: ak024485.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:50

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4827(g) | Date Analyzed: 03/14/2011 16:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	106		36-145
4165-62-2	Phenol-d5	102		38-149
4165-60-0	Nitrobenzene-d5	100		38-141
321-60-8	2-Fluorobiphenyl	96		42-140
118-79-6	2,4,6-Tribromophenol	78		28-143
1718-51-0	Terphenyl-d14	79		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB12(0-1) | Lab Sample ID: 580-24938-38

Matrix: Solid | Lab File ID: ak024486.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:55

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1788(g) | Date Analyzed: 03/14/2011 16:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		110	16
111-44-4	Bis(2-chloroethyl)ether	ND		110	16
95-57-8	2-Chlorophenol	ND		110	16
541-73-1	1,3-Dichlorobenzene	ND		53	16
106-46-7	1,4-Dichlorobenzene	ND		53	16
100-51-6	Benzyl alcohol	ND		110	16
95-50-1	1,2-Dichlorobenzene	ND		53	16
95-48-7	2-Methylphenol	ND		110	16
15831-10-4	3 & 4 Methylphenol	ND		210	16
621-64-7	N-Nitrosodi-n-propylamine	ND		110	16
67-72-1	Hexachloroethane	ND		110	16
98-95-3	Nitrobenzene	ND		110	36
78-59-1	Isophorone	ND	*	110	5.3
88-75-5	2-Nitrophenol	ND		110	16
105-67-9	2,4-Dimethylphenol	ND		110	16
65-85-0	Benzoic acid	ND		2600	790
111-91-1	Bis(2-chloroethoxy)methane	ND		110	5.3
120-83-2	2,4-Dichlorophenol	ND		110	16
120-82-1	1,2,4-Trichlorobenzene	ND		53	16
91-20-3	Naphthalene	ND		21	5.3
106-47-8	4-Chloroaniline	ND		110	16
87-68-3	Hexachlorobutadiene	ND		53	16
59-50-7	4-Chloro-3-methylphenol	ND		110	16
91-57-6	2-Methylnaphthalene	7.9	J	21	5.3
77-47-4	Hexachlorocyclopentadiene	ND		110	5.3
88-06-2	2,4,6-Trichlorophenol	ND		160	16
95-95-4	2,4,5-Trichlorophenol	ND		110	16
91-58-7	2-Chloronaphthalene	ND		21	5.3
88-74-4	2-Nitroaniline	ND		110	16
131-11-3	Dimethyl phthalate	ND		110	5.3
208-96-8	Acenaphthylene	ND		21	5.3
606-20-2	2,6-Dinitrotoluene	ND		110	16
99-09-2	3-Nitroaniline	ND		110	16
83-32-9	Acenaphthene	ND		21	5.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB12(0-1) | Lab Sample ID: 580-24938-38

Matrix: Solid | Lab File ID: ak024486.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:55

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1788(g) | Date Analyzed: 03/14/2011 16:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1100	210
100-02-7	4-Nitrophenol	ND		1100	260
132-64-9	Dibenzofuran	ND		110	5.3
121-14-2	2,4-Dinitrotoluene	ND		110	16
84-66-2	Diethyl phthalate	ND		110	16
7005-72-3	4-Chlorophenyl phenyl ether	ND		110	16
86-73-7	Fluorene	ND		21	5.3
100-01-6	4-Nitroaniline	ND		110	16
534-52-1	4,6-Dinitro-2-methylphenol	ND		1100	110
86-30-6	N-Nitrosodiphenylamine	ND		53	5.3
101-55-3	4-Bromophenyl phenyl ether	ND		110	16
118-74-1	Hexachlorobenzene	ND		53	5.3
87-86-5	Pentachlorophenol	ND		210	16
85-01-8	Phenanthrene	ND		21	5.3
120-12-7	Anthracene	ND		21	5.3
84-74-2	Di-n-butyl phthalate	ND		210	53
206-44-0	Fluoranthene	6.1	J	21	5.3
129-00-0	Pyrene	ND		21	5.3
85-68-7	Butyl benzyl phthalate	ND		110	53
91-94-1	3,3'-Dichlorobenzidine	ND		210	32
56-55-3	Benzo[a]anthracene	ND		26	5.3
218-01-9	Chrysene	ND		26	5.3
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1600	53
117-84-0	Di-n-octyl phthalate	ND		210	5.3
50-32-8	Benzo[a]pyrene	ND		32	5.3
193-39-5	Indeno[1,2,3-cd]pyrene	ND		42	5.3
53-70-3	Dibenz(a,h)anthracene	ND		42	5.3
191-24-2	Benzo[g,h,i]perylene	ND		26	5.3
86-74-8	Carbazole	ND		160	5.3
90-12-0	1-Methylnaphthalene	9.5	J	32	5.3
205-99-2	Benzo[b]fluoranthene	ND		21	5.3
207-08-9	Benzo[k]fluoranthene	ND		26	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	ND		160	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB12(0-1) | Lab Sample ID: 580-24938-38

Matrix: Solid | Lab File ID: ak024486.D

Analysis Method: 8270C | Date Collected: 03/11/2011 17:55

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1788(g) | Date Analyzed: 03/14/2011 16:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	115		36-145
4165-62-2	Phenol-d5	110		38-149
4165-60-0	Nitrobenzene-d5	115		38-141
321-60-8	2-Fluorobiphenyl	106		42-140
118-79-6	2,4,6-Tribromophenol	101		28-143
1718-51-0	Terphenyl-d14	91		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB10(0-1) | Lab Sample ID: 580-24938-39

Matrix: Solid | Lab File ID: ak024487.D

Analysis Method: 8270C | Date Collected: 03/11/2011 18:17

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1201(g) | Date Analyzed: 03/14/2011 17:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		100	15
111-44-4	Bis(2-chloroethyl)ether	ND		100	15
95-57-8	2-Chlorophenol	ND		100	15
541-73-1	1,3-Dichlorobenzene	ND		51	15
106-46-7	1,4-Dichlorobenzene	ND		51	15
100-51-6	Benzyl alcohol	ND		100	15
95-50-1	1,2-Dichlorobenzene	ND		51	15
95-48-7	2-Methylphenol	ND		100	15
15831-10-4	3 & 4 Methylphenol	ND		200	15
621-64-7	N-Nitrosodi-n-propylamine	ND		100	15
67-72-1	Hexachloroethane	ND		100	15
98-95-3	Nitrobenzene	ND		100	35
78-59-1	Isophorone	ND	*	100	5.1
88-75-5	2-Nitrophenol	ND		100	15
105-67-9	2,4-Dimethylphenol	ND		100	15
65-85-0	Benzoic acid	ND		2500	760
111-91-1	Bis(2-chloroethoxy)methane	ND		100	5.1
120-83-2	2,4-Dichlorophenol	ND		100	15
120-82-1	1,2,4-Trichlorobenzene	ND		51	15
91-20-3	Naphthalene	ND		20	5.1
106-47-8	4-Chloroaniline	ND		100	15
87-68-3	Hexachlorobutadiene	ND		51	15
59-50-7	4-Chloro-3-methylphenol	ND		100	15
91-57-6	2-Methylnaphthalene	ND		20	5.1
77-47-4	Hexachlorocyclopentadiene	ND		100	5.1
88-06-2	2,4,6-Trichlorophenol	ND		150	15
95-95-4	2,4,5-Trichlorophenol	ND		100	15
91-58-7	2-Chloronaphthalene	ND		20	5.1
88-74-4	2-Nitroaniline	ND		100	15
131-11-3	Dimethyl phthalate	ND		100	5.1
208-96-8	Acenaphthylene	ND		20	5.1
606-20-2	2,6-Dinitrotoluene	ND		100	15
99-09-2	3-Nitroaniline	ND		100	15
83-32-9	Acenaphthene	ND		20	5.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB10(0-1) | Lab Sample ID: 580-24938-39

Matrix: Solid | Lab File ID: ak024487.D

Analysis Method: 8270C | Date Collected: 03/11/2011 18:17

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1201(g) | Date Analyzed: 03/14/2011 17:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1000	200
100-02-7	4-Nitrophenol	ND		1000	250
132-64-9	Dibenzofuran	ND		100	5.1
121-14-2	2,4-Dinitrotoluene	ND		100	15
84-66-2	Diethyl phthalate	ND		100	15
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	15
86-73-7	Fluorene	ND		20	5.1
100-01-6	4-Nitroaniline	ND		100	15
534-52-1	4,6-Dinitro-2-methylphenol	ND		1000	100
86-30-6	N-Nitrosodiphenylamine	ND		51	5.1
101-55-3	4-Bromophenyl phenyl ether	ND		100	15
118-74-1	Hexachlorobenzene	ND		51	5.1
87-86-5	Pentachlorophenol	ND		200	15
85-01-8	Phenanthrene	ND		20	5.1
120-12-7	Anthracene	ND		20	5.1
84-74-2	Di-n-butyl phthalate	ND		200	51
206-44-0	Fluoranthene	ND		20	5.1
129-00-0	Pyrene	ND		20	5.1
85-68-7	Butyl benzyl phthalate	ND		100	51
91-94-1	3,3'-Dichlorobenzidine	ND		200	31
56-55-3	Benzo[a]anthracene	ND		25	5.1
218-01-9	Chrysene	ND		25	5.1
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1500	51
117-84-0	Di-n-octyl phthalate	ND		200	5.1
50-32-8	Benzo[a]pyrene	ND		31	5.1
193-39-5	Indeno[1,2,3-cd]pyrene	ND		41	5.1
53-70-3	Dibenz(a,h)anthracene	ND		41	5.1
191-24-2	Benzo[g,h,i]perylene	ND		25	5.1
86-74-8	Carbazole	ND		150	5.1
90-12-0	1-Methylnaphthalene	ND		31	5.1
205-99-2	Benzo[b]fluoranthene	ND		20	5.1
207-08-9	Benzo[k]fluoranthene	ND		25	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	ND		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB10(0-1) | Lab Sample ID: 580-24938-39

Matrix: Solid | Lab File ID: ak024487.D

Analysis Method: 8270C | Date Collected: 03/11/2011 18:17

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.1201(g) | Date Analyzed: 03/14/2011 17:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	93		36-145
4165-62-2	Phenol-d5	53		38-149
4165-60-0	Nitrobenzene-d5	94		38-141
321-60-8	2-Fluorobiphenyl	90		42-140
118-79-6	2,4,6-Tribromophenol	82		28-143
1718-51-0	Terphenyl-d14	74		42-151

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81932/3	ak024424.D
Level 2	IC 580-81932/4	ak024425.D
Level 3	IC 580-81932/5	ak024426.D
Level 4	IC 580-81932/6	ak024427.D
Level 5	IC 580-81932/7	ak024428.D
Level 6	ICIS 580-81932/8	ak024429.D
Level 7	IC 580-81932/9	ak024430.D
Level 8	IC 580-81932/10	ak024431.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	+++++ 0.2389	0.2409 0.2504	0.2272 0.2461	0.2010	0.2151	Ave		0.2314				7.8		15.0			
Pyridine	+++++ 0.4528	0.3248 0.4875	0.3957 0.4326	0.2955	0.4002	Lin1	-45.24	0.4485							0.9950		0.9900
Cyclohexanone	+++++ 0.5320	0.4677 0.5707	0.5720 0.5319	0.4920	0.5351	Ave		0.5288				7.2		15.0			
Aniline	+++++ 1.4677	1.2081 1.5352	1.2572 1.5210	1.2600	1.4308	Ave		1.3829				9.9		15.0			
Benzyl alcohol	+++++ 0.6715	0.4057 0.6904	0.4356 0.6976	0.5821	0.5455	Lin1	-21.47	0.6942							0.9980		0.9900
Benzoic acid	+++++ 0.1588	+++++ 0.1653	0.0551 0.1766	0.0887	0.1415	Lin1	-73.15	0.1766							0.9990		0.9900
Phenol	0.9646 1.3830	1.1561 1.4223	1.1727 1.3526	1.2363	1.3609	Ave		1.2561				12.0		15.0			
N-Nitrosodi-n-propylamine	+++++ 0.6350	0.4968 0.6635	0.5601 0.6210	0.5633	0.5593	Ave		0.5855			0.0500	9.7		15.0			
3 & 4 Methylphenol	+++++ 1.1085	0.7700 1.0740	0.7880 1.0292	0.9127	0.8852	Ave		0.9382				14.0		15.0			
Bis(2-chloroethyl)ether	1.3541 1.1359	1.2594 1.1609	1.1957 1.0763	1.2719	1.0537	Ave		1.1885				8.6		15.0			
2-Chlorophenol	0.8788 1.3363	1.0247 1.3866	1.0708 1.2919	1.0613	1.2159	Lin1	-14.29	1.3167							0.9980		0.9900
n-Decane	0.6618 0.8411	0.8619 0.8691	0.8600 0.8058	0.8414	0.8537	Ave		0.8243				8.3		15.0			
Nitrobenzene	+++++ 0.2481	0.2071 0.2627	0.2532 0.2614	0.2465	0.2569	Ave		0.2480				7.7		15.0			
1,3-Dichlorobenzene	1.4956 1.6002	1.5149 1.6208	1.4386 1.5413	1.6299	1.6279	Ave		1.5587				4.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.3836 1.6690	1.6262 1.7158	1.5678 1.6180	1.5195	1.6737	Ave		1.5967				6.6		15.0			
2-Nitrophenol	+++++ 0.1948	0.1018 0.2103	0.1436 0.2074	0.1814	0.1821	Lin1	-6.086	0.2081							0.9990		0.9900
1,2-Dichlorobenzene	1.1661 1.5421	1.7129 1.5745	1.4749 1.4789	1.4555	1.5640	Ave		1.4961				10.0		15.0			
Bis(2-chloroethoxy)methane	+++++ 0.3363	0.2752 0.3393	0.3049 0.3404	0.3129	0.3312	Lin1	-3.743	0.3407							1.0000		0.9900
2-Methylphenol	0.7325 1.0591	0.7726 1.0475	0.9873 1.0037	0.9028	0.9471	Ave		0.9316				13.0		15.0			
2,2'-oxybis[1-chloropropane]	0.7475 0.8969	0.8971 0.8987	0.8784 0.8369	0.8470	0.9031	Ave		0.8632				6.1		15.0			
2,4-Dichlorophenol	+++++ 0.3110	0.1904 0.3227	0.2195 0.3282	0.2495	0.3059	Lin1	-9.422	0.3274							0.9990		0.9900
Acetophenone	+++++ 1.4710	1.1987 1.5194	1.3155 1.4467	1.2907	1.4302	Ave		1.3818				8.3		15.0			
Hexachloroethane	0.4239 0.5320	0.5213 0.5388	0.5464 0.5110	0.5346	0.5230	Ave		0.5164				7.5		15.0			
4-Chloroaniline	+++++ 0.3909	0.3237 0.4082	0.3431 0.4030	0.3641	0.3832	Ave		0.3737				8.4		15.0			
Isophorone	0.3759 0.4756	0.4111 0.4809	0.4324 0.4696	0.4277	0.4539	Ave		0.4409				8.2		15.0			
2,4-Dimethylphenol	+++++ 0.2823	0.2325 0.2823	0.2436 0.2865	0.2248	0.2626	Ave		0.2592				9.9		15.0			
4-Chloro-3-methylphenol	+++++ 0.2379	0.1469 0.2373	0.1494 0.2385	0.1714	0.2270	Lin1	-7.022	0.2400							0.9990		0.9900
2,4-Dinitrophenol	+++++ 0.1588	+++++ 0.1755	0.0443 0.1789	0.0878	0.1255	Qua2	-59.77	0.1571	0		0.0500				0.9950		0.9900
4-Nitrophenol	+++++ 0.0856	+++++ 0.0843	0.0378 0.0843	0.0649	0.0768	Lin1	-22.13	0.0861			0.0500				1.0000		0.9900
1,2,4-Trichlorobenzene	0.3889 0.4200	0.3917 0.4144	0.4104 0.4093	0.3980	0.4064	Ave		0.4049				2.7		15.0			
Hexachlorocyclopentadiene	+++++ 0.3482	0.1531 0.4199	0.1809 0.4457	0.2428	0.3008	Qua1	-15.43	0.3609	0		0.0500				0.9970		0.9900
Naphthalene	0.9284 1.0472	1.0405 1.0382	1.0016 1.0199	1.0193	1.0696	Ave		1.0206				4.2		15.0			
2,4,6-Trichlorophenol	+++++ 0.4186	0.2586 0.4237	0.3218 0.4184	0.3579	0.4056	Lin1	-9.170	0.4228							1.0000		0.9900
Hexachlorobutadiene	0.2429 0.2727	0.2753 0.2613	0.2726 0.2633	0.2609	0.2662	Ave		0.2644				3.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,5-Trichlorophenol	+++++ 0.4238	0.3238 0.4318	0.3792 0.4467	0.4251	0.4074	Ave		0.4054				10.0		15.0			
2-Nitroaniline	+++++ 0.1748	0.0771 0.1782	0.1338 0.1725	0.1559	0.1577	Lin1	-4.611	0.1755							0.9990		0.9900
Dimethyl phthalate	+++++ 1.2095	1.0950 1.1908	1.1299 1.1401	1.1926	1.2095	Ave		1.1668				3.9		15.0			
2,6-Dinitrotoluene	+++++ 0.3047	0.2085 0.3057	0.2483 0.2971	0.2813	0.2950	Lin1	-4.468	0.3019							1.0000		0.9900
2-Methylnaphthalene	0.7150 0.7368	0.6716 0.7189	0.6684 0.7122	0.6856	0.7328	Ave		0.7052				3.8		15.0			
3-Nitroaniline	+++++ 0.2670	0.1762 0.2720	0.1622 0.2534	0.2022	0.2522	Lin1	-6.326	0.2614							0.9980		0.9900
Pentachlorophenol	+++++ 0.1517	+++++ 0.1748	+++++ 0.1885	0.1001	0.1313	Lin1	-22.76	0.1889							0.9980		0.9900
1-Methylnaphthalene	0.6428 0.7136	0.6607 0.7014	0.7190 0.7017	0.7005	0.7432	Ave		0.6978				4.6		15.0			
2,4-Dinitrotoluene	+++++ 0.4007	0.2441 0.3894	0.2550 0.3636	0.3348	0.3773	Lin1	-7.173	0.3775							0.9980		0.9900
2,3-Dichloroaniline	0.5553 0.6546	0.5040 0.6584	0.5869 0.6340	0.5947	0.6406	Ave		0.6036				9.0		15.0			
2,3,5,6-Tetrachlorophenol	+++++ 0.4002	0.2009 0.4033	0.2828 0.3946	0.3253	0.3738	Lin1	-10.97	0.4008							1.0000		0.9900
2,3,4,6-Tetrachlorophenol	+++++ 0.4443	0.2877 0.4219	0.3391 0.4106	0.3863	0.3925	Ave		0.3832				14.0		15.0			
Biphenyl	1.2610 1.4598	1.4477 1.5208	1.5126 1.4434	1.4354	1.5178	Ave		1.4498				5.8		15.0			
2-Chloronaphthalene	0.8985 1.2104	1.1882 1.2360	1.1449 1.1792	1.1705	1.2428	Ave		1.1588				9.5		15.0			
4-Nitroaniline	+++++ 0.2672	0.1517 0.2519	0.1336 0.2333	0.1970	0.2339	Lin1	-6.158	0.2438							0.9960		0.9900
4,6-Dinitro-2-methylphenol	+++++ 0.1518	0.0533 0.1599	0.0777 0.1677	0.1048	0.1327	Lin1	-40.05	0.1654							0.9980		0.9900
Acenaphthylene	1.5758 1.7522	1.5545 1.7740	1.6725 1.7052	1.6897	1.7787	Ave		1.6878				5.0		15.0			
Acenaphthene	1.1529 1.2004	1.0820 1.1937	1.1902 1.1441	1.1652	1.2171	Ave		1.1682				3.7		15.0			
Dibenzofuran	1.4827 1.6905	1.6864 1.6972	1.6393 1.5771	1.6924	1.7339	Ave		1.6499				5.0		15.0			
Diethyl phthalate	1.1875 1.0797	1.0433 1.0444	1.0527 1.0264	1.1154	1.1203	Ave		1.0837				5.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Chlorophenyl phenyl ether	0.5929 0.7335	0.7120 0.7302	0.7072 0.6892	0.7444	0.7512	Lin2	-2.611	0.7365							0.9990		0.9900
Fluorene	1.3028 1.3506	1.2493 1.3313	1.2739 1.2598	1.3054	1.3449	Ave		1.3023				3.0		15.0			
N-Nitrosodiphenylamine	0.5683 0.6612	0.5495 0.6847	0.5823 0.6543	0.6230	0.6615	Ave		0.6231				8.1		15.0			
Azobenzene	0.4033 0.4625	0.3986 0.4915	0.4360 0.4773	0.4363	0.4530	Ave		0.4448				7.4		15.0			
4-Bromophenyl phenyl ether	0.3034 0.3229	0.3051 0.3393	0.3114 0.3292	0.2979	0.3188	Ave		0.3160				4.5		15.0			
Hexachlorobenzene	0.4544 0.4516	0.4430 0.4670	0.4571 0.4621	0.4523	0.4513	Ave		0.4549				1.6		15.0			
Octadecane	0.1549 0.1436	0.1277 0.1584	0.1260 0.1523	0.1269	0.1473	Ave		0.1421				9.4		15.0			
Phenanthrene	1.0514 1.1738	1.1404 1.1818	1.2325 1.1421	1.1981	1.2134	Ave		1.1667				4.8		15.0			
Anthracene	1.0447 1.1959	1.0162 1.2239	1.0328 1.1595	1.1004	1.1483	Ave		1.1152				7.0		15.0			
Carbazole	0.8597 1.0201	0.8775 0.9849	0.8956 0.8470	0.9209	1.0173	Ave		0.9279				7.6		15.0			
Di-n-butyl phthalate	1.2848 1.2484	1.1734 1.3325	1.1232 1.2887	1.0914	1.1869	Ave		1.2162				7.0		15.0			
Fluoranthene	1.1884 1.4315	1.2001 1.4404	1.2749 1.2884	1.2751	1.3730	Ave		1.3090				7.4		15.0			
Benzidine	0.3270 0.5360	0.3915 0.4031	0.2775 0.2627	0.4659	0.5250	Qua1	-15.41	0.5472	0						0.9920		0.9900
Pyrene	1.3356 1.5500	1.3937 1.5636	1.3787 1.3529	1.4159	1.5387	Ave		1.4412				6.5		15.0			
Butyl benzyl phthalate	0.3520 0.3634	0.3078 0.4125	0.3086 0.4277	0.3024	0.3397	Ave		0.3518				14.0		15.0			
3,3'-Dichlorobenzidine	0.2943 0.3648	0.2992 0.2932	0.2721 0.2694	0.3531	0.3983	Ave		0.3180				15.0		15.0			
Benzo[a]anthracene	1.0833 1.1352	1.0080 1.1227	1.0614 1.1333	1.0171	1.0895	Ave		1.0813				4.6		15.0			
Bis(2-ethylhexyl) phthalate	0.6912 0.5588	0.4992 0.5805	0.4990 0.6102	0.4726	0.5055	Ave		0.5521				13.0		15.0			
Chrysene	1.0896 1.1083	1.0874 1.0787	1.1039 1.0834	1.0797	1.0838	Ave		1.0894				1.0		15.0			
Di-n-octyl phthalate	0.5709 0.8136	0.5578 0.9375	0.6600 0.8818	0.5888	0.6862	Lin1	-14.92	0.8775							0.9940		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzo[b]fluoranthene	1.0229 1.2179	1.0664 1.2488	1.1099 1.1767	1.0097	1.1662	Ave		1.1273				7.9		15.0			
Benzofluoranthene	1.0489 1.1644	1.0522 1.2023	1.1099 1.1625	1.0750	1.1298	Ave		1.1181				5.1		15.0			
Benzo[k]fluoranthene	1.1170 1.1872	1.1512 1.2543	1.1945 1.2320	1.1968	1.1794	Ave		1.1890				3.6		15.0			
Benzo[a]pyrene	0.8695 1.0583	0.9319 1.1024	0.9081 1.0849	0.9476	1.0365	Ave		0.9924				8.9		15.0			
Indeno[1,2,3-cd]pyrene	0.9289 1.1502	1.0813 1.2281	0.9552 1.3102	1.1992	1.2424	Ave		1.1369				12.0		15.0			
Dibenz(a,h)anthracene	0.7882 0.9805	0.8900 1.0014	0.7385 1.0928	0.9666	1.0451	Ave		0.9379				13.0		15.0			
Benzo[g,h,i]perylene	0.8846 0.9764	0.9094 1.0366	0.8229 1.0835	1.0470	1.1126	Ave		0.9841				10.0		15.0			
2-Fluorophenol	1.1393 1.1099	0.9659 1.1457	0.9369 1.0650	0.9935	1.0965	Ave		1.0566				7.7		15.0			
Phenol-d5	+++++ 1.3592	1.0214 1.3982	1.0314 1.3367	1.0789	1.3197	Ave		1.2208				14.0		15.0			
Nitrobenzene-d5	+++++ 0.2732	0.2138 0.2807	0.2207 0.2745	0.2592	0.2723	Ave		0.2563				11.0		15.0			
2-Fluorobiphenyl	1.2191 1.4378	1.3427 1.4918	1.4337 1.4119	1.4220	1.4944	Ave		1.4067				6.4		15.0			
2,4,6-Tribromophenol	+++++ 0.2711	0.2266 0.2825	0.2074 0.2827	0.2373	0.2479	Ave		0.2508				12.0		15.0			
Terphenyl-d14	1.1725 1.4690	1.2728 1.4653	1.2971 1.2337	1.3530	1.4232	Ave		1.3358				8.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81932/3	ak024424.D
Level 2	IC 580-81932/4	ak024425.D
Level 3	IC 580-81932/5	ak024426.D
Level 4	IC 580-81932/6	ak024427.D
Level 5	IC 580-81932/7	ak024428.D
Level 6	ICIS 580-81932/8	ak024429.D
Level 7	IC 580-81932/9	ak024430.D
Level 8	IC 580-81932/10	ak024431.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	+++++ 118812	5543 235599	10877 588177	19348	49358	+++++ 5000	250 10000	500 25000	1000	2500
Pyridine	DCB	Lin1	+++++ 225200	7474 458658	18944 1033726	28449	91849	+++++ 5000	250 10000	500 25000	1000	2500
Cyclohexanone	DCB	Ave	+++++ 52921	2152 107396	5477 254240	9472	24561	+++++ 1000	50.0 2000	100 5000	200	500
Aniline	DCB	Ave	+++++ 146009	5559 288895	12039 726985	24260	65679	+++++ 1000	50.0 2000	100 5000	200	500
Benzyl alcohol	DCB	Lin1	+++++ 66800	1867 129919	4171 333407	11207	25039	+++++ 1000	50.0 2000	100 5000	200	500
Benzoic acid	NPT	Lin1	+++++ 293942	+++++ 587951	9432 1518435	31359	119675	+++++ 5000	+++++ 10000	500 25000	1000	2500
Phenol	DCB	Ave	1800 137583	5320 267648	11230 646511	23803	62468	20.0 1000	50.0 2000	100 5000	200	500
N-Nitrosodi-n-propylamine	DCB	Ave	+++++ 63165	2286 124852	5363 296813	10845	25672	+++++ 1000	50.0 2000	100 5000	200	500
3 & 4 Methylphenol	DCB	Ave	+++++ 110270	3543 202105	7546 491919	17572	40632	+++++ 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethyl)ether	DCB	Ave	2527 113004	5795 218460	11450 514441	24488	48368	20.0 1000	50.0 2000	100 5000	200	500
2-Chlorophenol	DCB	Lin1	1640 132935	4715 260919	10254 617472	20434	55814	20.0 1000	50.0 2000	100 5000	200	500
n-Decane	DCB	Ave	1235 83675	3966 163544	8235 385132	16200	39187	20.0 1000	50.0 2000	100 5000	200	500
Nitrobenzene	NPT	Ave	+++++ 91843	3492 186867	8663 449517	17426	43441	+++++ 1000	50.0 2000	100 5000	200	500
1,3-Dichlorobenzene	DCB	Ave	2791 159192	6971 305001	13776 736686	31381	74724	20.0 1000	50.0 2000	100 5000	200	500
1,4-Dichlorobenzene	DCB	Ave	2582 166029	7483 322873	15013 773350	29256	76828	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Nitrophenol	NPT	Lin1	+++++ 72097	1716 149596	4911 356726	12826	30800	+++++ 1000	50.0 2000	100 5000	200	500
1,2-Dichlorobenzene	DCB	Ave	2176 153403	7882 296276	14123 706851	28023	71793	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethoxy)methane	NPT	Lin1	+++++ 124465	4640 241343	10430 585309	22126	56010	+++++ 1000	50.0 2000	100 5000	200	500
2-Methylphenol	DCB	Ave	1367 105355	3555 197108	9454 479735	17382	43474	20.0 1000	50.0 2000	100 5000	200	500
2,2'-oxybis[1-chloropropane]	DCB	Ave	1395 89227	4128 169108	8411 400033	16308	41457	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dichlorophenol	NPT	Lin1	+++++ 115103	3211 229572	7509 564337	17641	51734	+++++ 1000	50.0 2000	100 5000	200	500
Acetophenone	DCB	Ave	+++++ 146335	5516 285919	12597 691467	24851	65651	+++++ 1000	50.0 2000	100 5000	200	500
Hexachloroethane	DCB	Ave	791 52923	2399 101397	5232 244254	10293	24006	20.0 1000	50.0 2000	100 5000	200	500
4-Chloroaniline	NPT	Ave	+++++ 144694	5458 290376	11737 693070	25741	64800	+++++ 1000	50.0 2000	100 5000	200	500
Isophorone	NPT	Ave	2571 176044	6932 342058	14792 807655	30240	76761	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dimethylphenol	NPT	Ave	+++++ 104474	3920 200810	8333 492735	15896	44411	+++++ 1000	50.0 2000	100 5000	200	500
4-Chloro-3-methylphenol	NPT	Lin1	+++++ 88039	2478 168816	5112 410188	12119	38395	+++++ 1000	50.0 2000	100 5000	200	500
2,4-Dinitrophenol	ANT	Qua2	+++++ 183031	+++++ 375719	4582 957057	18706	65561	+++++ 5000	+++++ 10000	500 25000	1000	2500
4-Nitrophenol	ANT	Lin1	+++++ 98631	+++++ 180441	3910 451123	13829	40131	+++++ 5000	+++++ 10000	500 25000	1000	2500
1,2,4-Trichlorobenzene	NPT	Ave	2660 155461	6606 294796	14039 703879	28138	68739	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorocyclopentadiene	ANT	Qua1	+++++ 80261	1599 179831	3743 476819	10344	31429	+++++ 1000	50.0 2000	100 5000	200	500
Naphthalene	NPT	Ave	6349 387595	17546 738543	34265 1753974	72066	180896	20.0 1000	50.0 2000	100 5000	200	500
2,4,6-Trichlorophenol	ANT	Lin1	+++++ 96489	2701 181451	6656 447554	15246	42373	+++++ 1000	50.0 2000	100 5000	200	500
Hexachlorobutadiene	NPT	Ave	1661 100923	4643 185895	9325 452848	18443	45025	20.0 1000	50.0 2000	100 5000	200	500
2,4,5-Trichlorophenol	ANT	Ave	+++++ 97684	3381 184914	7844 477873	18110	42565	+++++ 1000	50.0 2000	100 5000	200	500
2-Nitroaniline	ANT	Lin1	+++++ 40289	805 76320	2767 184484	6643	16480	+++++ 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dimethyl phthalate	ANT	Ave	+++++ 278776	11435 509955	23372 1219647	50806	126373	+++++ 1000	50.0 2000	100 5000	200	500
2,6-Dinitrotoluene	ANT	Lin1	+++++ 70228	2177 130924	5137 317870	11984	30824	+++++ 1000	50.0 2000	100 5000	200	500
2-Methylnaphthalene	NPT	Ave	4890 272696	11326 511355	22866 1224841	48474	123936	20.0 1000	50.0 2000	100 5000	200	500
3-Nitroaniline	ANT	Lin1	+++++ 61537	1840 116504	3356 271040	8616	26354	+++++ 1000	50.0 2000	100 5000	200	500
Pentachlorophenol	PHN	Lin1	+++++ 58130	+++++ 119438	+++++ 307230	7342	23212	+++++ 1000	+++++ 2000	+++++ 5000	200	500
1-Methylnaphthalene	NPT	Ave	4396 264096	11142 498911	24595 1206778	49524	125694	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dinitrotoluene	ANT	Lin1	+++++ 92348	2549 166769	5275 388910	14264	39419	+++++ 1000	50.0 2000	100 5000	200	500
2,3-Dichloroaniline	ANT	Ave	2363 150814	5261 281859	12136 677909	25326	66902	20.0 1000	50.0 1999	100.0 4998	200	500
2,3,5,6-Tetrachlorophenol	ANT	Lin1	+++++ 92246	2098 172723	5849 422084	13859	39058	+++++ 1000	50.0 2000	100 5000	200	500
2,3,4,6-Tetrachlorophenol	ANT	Ave	+++++ 102397	3004 180658	7015 439260	16459	41013	+++++ 1000	50.0 2000	100 5000	200	500
Biphenyl	ANT	Ave	5368 336466	15119 651259	31289 1544046	61152	158580	20.0 1000	50.0 2000	100 5000	200	500
2-Chloronaphthalene	ANT	Ave	3825 278986	12409 529298	23682 1261450	49864	129854	20.0 1000	50.0 2000	100 5000	200	500
4-Nitroaniline	ANT	Lin1	+++++ 61590	1584 107856	2763 249610	8393	24440	+++++ 1000	50.0 2000	100 5000	200	500
4,6-Dinitro-2-methylphenol	PHN	Lin1	+++++ 290879	4773 546416	13214 1366414	38411	117305	+++++ 5000	250 10000	500 25000	1000	2500
Acenaphthylene	ANT	Ave	6708 403856	16234 759707	34597 1824089	71983	185842	20.0 1000	50.0 2000	100 5000	200	500
Acenaphthene	ANT	Ave	4908 276673	11299 511187	24620 1223868	49640	127161	20.0 1000	50.0 2000	100 5000	200	500
Dibenzofuran	ANT	Ave	6312 389626	17611 726804	33911 1687128	72099	181165	20.0 1000	50.0 2000	100 5000	200	500
Diethyl phthalate	ANT	Ave	5055 248844	10895 447240	21776 1097972	47518	117052	20.0 1000	50.0 2000	100 5000	200	500
4-Chlorophenyl phenyl ether	ANT	Lin2	2524 169057	7436 312714	14629 737271	31711	78490	20.0 1000	50.0 2000	100 5000	200	500
Fluorene	ANT	Ave	5546 311291	13047 570143	26352 1347631	55612	140517	20.0 1000	50.0 2000	100 5000	200	500
N-Nitrosodiphenylamine	PHN	Ave	3996 253348	9840 467864	19803 1066318	45688	116927	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Azobenzene	PHN	Ave	2836 177217	7138 335835	14827 777914	31995	80078	20.0 1000	50.0 2000	100 5000	200	500
4-Bromophenyl phenyl ether	PHN	Ave	2133 123740	5463 231842	10590 536454	21846	56351	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorobenzene	PHN	Ave	3195 173052	7932 319158	15545 753035	33172	79774	20.0 1000	50.0 2000	100 5000	200	500
Octadecane	PHN	Ave	1089 54986	2286 108198	4284 248053	9302	26034	20.0 1000	50.0 1999	100.0 4998	200	500
Phenanthrene	PHN	Ave	7393 449750	20420 807573	41918 1861280	87865	214488	20.0 1000	50.0 2000	100 5000	200	500
Anthracene	PHN	Ave	7346 458248	18197 836331	35127 1889624	80702	202975	20.0 1000	50.0 2000	100 5000	200	500
Carbazole	PHN	Ave	6045 390867	15713 673032	30458 1380441	67539	179827	20.0 1000	50.0 2000	100 5000	200	500
Di-n-butyl phthalate	PHN	Ave	9034 478368	21012 910553	38199 2100207	80041	209807	20.0 1000	50.0 2000	100 5000	200	500
Fluoranthene	PHN	Ave	8356 548510	21490 984318	43358 2099745	93510	242705	20.0 1000	50.0 2000	100 5000	200	500
Benzidine	PHN	Qua1	4598 410730	14022 550850	18875 856140	68334	185601	40.0 2000	100 4000	200 10000	400	1000
Pyrene	PHN	Ave	9391 593926	24957 1068485	46889 2204871	103838	271994	20.0 1000	50.0 2000	100 5000	200	500
Butyl benzyl phthalate	CRY	Ave	3290 203095	7519 340271	12651 658008	31666	87998	20.0 1000	50.0 2000	100 5000	200	500
3,3'-Dichlorobenzidine	CRY	Ave	5500 407746	14617 483680	22307 828918	73951	206368	40.0 2000	100 4000	200 10000	400	1000
Benzo[a]anthracene	CRY	Ave	10124 634467	24625 926055	43514 1743649	106496	282266	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-ethylhexyl) phthalate	CRY	Ave	6460 312298	12196 478834	20458 938941	49487	130959	20.0 1000	50.0 2000	100 5000	200	500
Chrysene	CRY	Ave	10183 619412	26566 889759	45258 1667012	113051	280797	20.0 1000	50.0 2000	100 5000	200	500
Di-n-octyl phthalate	PRY	Lin1	5850 450812	14329 648497	23843 1386902	65867	193947	20.0 1000	50.0 2000	100 5000	200	500
Benzo[b]fluoranthene	PRY	Ave	10481 674819	27395 863870	40095 1850646	112961	329612	20.0 1000	50.0 2000	100 5000	200	500
Benzofluoranthene	PRY	Ave	21494 1290293	54063 1663399	80188 3656654	240530	638640	40.0 2000	100 4000	200 10000	400	1000
Benzo[k]fluoranthene	PRY	Ave	11445 657817	29574 867677	43151 1937645	133892	333341	20.0 1000	50.0 2000	100 5000	200	500
Benzo[a]pyrene	PRY	Ave	8909 586349	23940 762604	32807 1706378	106011	292958	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81932

SDG No.:

Instrument ID: TAC040 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 11:40 Calibration End Date: 03/09/2011 14:20 Calibration ID: 7416

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Indeno[1,2,3-cd]pyrene	PRY	Ave	9518 637285	27778 849538	34508 2060655	134164	351159	20.0 1000	50.0 2000	100 5000	200	500
Dibenz(a,h)anthracene	PRY	Ave	8076 543274	22864 692712	26677 1718802	108134	295380	20.0 1000	50.0 2000	100 5000	200	500
Benzo[g,h,i]perylene	PRY	Ave	9064 540996	23363 717033	29729 1704052	117127	314474	20.0 1000	50.0 2000	100 5000	200	500
2-Fluorophenol	DCB	Ave	2109 109534	4409 213865	8900 504961	18976	49931	19.8 992	49.6 1984	99.2 4960	198	496
Phenol-d5	DCB	Ave	+++++ 132304	4599 257443	9664 625144	20326	59277	+++++ 979	48.9 1957	97.9 4893	196	489
Nitrobenzene-d5	NPT	Ave	+++++ 99497	3547 196474	7430 464449	18032	45311	+++++ 984	49.2 1968	98.4 4920	197	492
2-Fluorobiphenyl	ANT	Ave	5117 326752	13826 629922	29242 1489280	59733	153951	19.7 986	49.3 1972	98.6 4930	197	493
2,4,6-Tribromophenol	PHN	Ave	+++++ 102306	3996 190092	6946 453765	17137	43143	+++++ 985	49.2 1970	98.5 4924	197	492
Terphenyl-d14	PHN	Ave	7997 545995	22108 971273	42790 1950213	96245	244028	19.4 970	48.5 1940	97.0 4850	194	485

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-80068/3	FT003870.D
Level 2	IC 580-80068/4	FT003871.D
Level 3	IC 580-80068/5	FT003872.D
Level 4	IC 580-80068/6	FT003873.D
Level 5	IC 580-80068/7	FT003874.D
Level 6	ICIS 580-80068/8	FT003875.D
Level 7	IC 580-80068/9	FT003876.D
Level 8	IC 580-80068/10	FT003877.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Atrazine	+++++ +++++	+++++ 0.3929	+++++ +++++	+++++	+++++	Ave		0.3929						15.0			
N-Nitrosodimethylamine	0.3689 0.3400	0.3690 0.3105	0.3556 0.2900	0.3181	0.3448	Ave		0.3371				8.5		15.0			
Pyridine	0.5371 0.6666	0.6182 0.5953	0.6266 0.5676	0.6631	0.6499	Ave		0.6156				7.5		15.0			
Cyclohexanone	0.7756 0.6472	0.8130 0.6297	0.7274 0.6071	0.6520	0.6644	Ave		0.6895				11.0		15.0			
Aniline	+++++ 1.4606	1.1619 1.3974	1.2473 1.3641	1.3744	1.4482	Ave		1.3505				8.0		15.0			
Phenol	1.3758 1.2801	1.2265 1.2519	1.5674 1.2374	1.2651	1.2834	Ave		1.3110				8.6		15.0			
Bis(2-chloroethyl)ether	1.1333 1.3291	1.4093 1.2421	1.2011 1.1673	1.2927	1.3787	Ave		1.2692				7.9		15.0			
2-Chlorophenol	1.6744 1.3162	1.1987 1.3555	1.2848 1.2991	1.3478	1.4509	Ave		1.3659				11.0		15.0			
n-Decane	1.1811 0.9293	1.1992 0.9729	1.0226 0.9109	1.0303	0.9283	Ave		1.0218				11.0		15.0			
1,3-Dichlorobenzene	1.6109 1.5772	1.6532 1.4832	1.6291 1.4164	1.5947	1.5063	Ave		1.5589				5.3		15.0			
1,4-Dichlorobenzene	1.3941 1.7795	1.9300 1.6570	1.7272 1.5519	1.6547	1.8453	Ave		1.6925				10.0		15.0			
Benzyl alcohol	0.6859 0.7124	0.6153 0.7236	0.7323 0.7512	0.5239	0.7063	Ave		0.6814				11.0		15.0			
1,2-Dichlorobenzene	1.3956 1.5713	1.6651 1.5170	1.6696 1.4220	1.6475	1.6234	Ave		1.5639				6.9		15.0			
2-Methylphenol	0.8714 1.1136	1.1221 1.0997	0.9957 1.0988	1.0918	1.2027	Ave		1.0745				9.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	1.2766 1.1419	1.1181 1.0975	1.0418 1.0620	1.1947	1.1753	Ave		1.1385				6.7		15.0			
Benzoic acid	+++++ 0.1204	0.0153 0.1598	0.0361 0.1768	0.0662	0.0934	Qua1	-39.96	0.1258	0						0.9950		0.9900
3 & 4 Methylphenol	1.2207 1.2266	1.0787 1.1128	1.0653 1.1315	1.1845	1.1417	Ave		1.1452				5.3		15.0			
N-Nitrosodi-n-propylamine	0.7491 0.7119	0.7531 0.6497	0.7208 0.6616	0.7408	0.6891	Ave		0.7095			0.0500	5.6		15.0			
Acetophenone	1.7297 1.4434	1.4734 1.4809	1.5373 1.4209	1.5699	1.6289	Ave		1.5356				6.8		15.0			
Hexachloroethane	0.5670 0.5760	0.5171 0.5263	0.5307 0.5242	0.5573	0.5825	Ave		0.5476				4.7		15.0			
Nitrobenzene	0.2387 0.2694	0.2921 0.2803	0.2814 0.2649	0.2785	0.2822	Ave		0.2734				6.0		15.0			
Isophorone	0.5039 0.5347	0.5445 0.5055	0.5190 0.4737	0.5221	0.5126	Ave		0.5145				4.2		15.0			
2-Nitrophenol	0.1320 0.1987	0.1961 0.1988	0.1800 0.2063	0.1763	0.1881	Ave		0.1845				13.0		15.0			
2,4-Dimethylphenol	+++++ 0.3065	0.2432 0.2873	0.2702 0.2878	0.2715	0.2994	Ave		0.2808				7.6		15.0			
Bis(2-chloroethoxy)methane	0.4547 0.3667	0.2924 0.3551	0.3283 0.3377	0.3329	0.3467	Ave		0.3518				13.0		15.0			
2,4-Dichlorophenol	0.2766 0.3102	0.2540 0.3252	0.2827 0.3044	0.3135	0.3142	Ave		0.2976				8.1		15.0			
1,2,4-Trichlorobenzene	0.3952 0.4055	0.3502 0.3964	0.3592 0.3762	0.4009	0.4003	Ave		0.3855				5.5		15.0			
Naphthalene	1.0308 1.0491	1.0678 0.9953	1.1071 0.8580	1.1566	1.1043	Ave		1.0461				8.7		15.0			
4-Chloroaniline	0.3501 0.3774	0.3318 0.4045	0.3988 0.3857	0.3767	0.3920	Ave		0.3771				6.6		15.0			
Hexachlorobutadiene	0.1905 0.2342	0.2455 0.2293	0.2091 0.2201	0.2334	0.2423	Ave		0.2255				8.1		15.0			
4-Chloro-3-methylphenol	0.2085 0.2262	0.2766 0.2372	0.2275 0.2319	0.2445	0.2207	Ave		0.2341				8.7		15.0			
2-Methylnaphthalene	0.7505 0.7363	0.7401 0.6830	0.8107 0.6190	0.7312	0.7271	Ave		0.7247				7.6		15.0			
1-Methylnaphthalene	0.6559 0.7217	0.7568 0.6887	0.7849 0.6088	0.7722	0.7207	Ave		0.7137				8.4		15.0			
Hexachlorocyclopentadiene	0.2422 0.3717	0.2170 0.3931	0.2540 0.3722	0.2974	0.3289	Lin1	-5.955	0.3756			0.0500				0.9970		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrophenol	+++++ 0.1057	0.0174 0.1373	0.0434 0.1464	0.0527	0.0821	Qua1	-33.72	0.1111	0		0.0500				0.9940		0.9900
2,4,6-Trichlorophenol	+++++ 0.3928	0.3396 0.3982	0.3281 0.3781	0.3138	0.3597	Ave		0.3586				9.1		15.0			
2,3-Dichloroaniline	0.7073 0.6497	0.5542 0.6292	0.6238 0.6029	0.6007	0.6751	Ave		0.6303				7.5		15.0			
2,4,5-Trichlorophenol	0.3460 0.4384	0.2970 0.4347	0.3545 0.4297	0.3872	0.4097	Ave		0.3871				13.0		15.0			
Biphenyl	1.6168 1.4711	1.3907 1.3794	1.5616 1.1951	1.4188	1.4854	Ave		1.4399				8.9		15.0			
2-Chloronaphthalene	1.0187 1.1881	1.1512 1.1329	1.2176 1.0168	1.1822	1.2056	Ave		1.1391				7.0		15.0			
2-Nitroaniline	0.1651 0.1783	0.1845 0.1864	0.1521 0.1818	0.1836	0.1599	Ave		0.1739				7.5		15.0			
Dimethyl phthalate	1.1875 1.2802	1.5084 1.2030	1.3817 1.0517	1.2423	1.2854	Ave		1.2675				11.0		15.0			
2,6-Dinitrotoluene	0.2186 0.3128	0.3278 0.3189	0.2824 0.3029	0.2937	0.3136	Ave		0.2964				12.0		15.0			
Acenaphthylene	1.7555 1.7647	1.6998 1.6273	1.8432 1.3668	1.7120	1.7580	Ave		1.6909				8.6		15.0			
3-Nitroaniline	0.1753 0.2495	0.2143 0.2684	0.1987 0.2459	0.2510	0.2246	Lin1	-2.060	0.2513							0.9980		0.9900
Acenaphthene	1.2594 1.2288	1.1969 1.1273	1.1969 0.9915	1.2172	1.1869	Ave		1.1756				7.1		15.0			
4-Nitrophenol	0.0321 0.0634	0.0450 0.0696	0.0482 0.0690	0.0535	0.0580	Lin1	-5.997	0.0682			0.0500				0.9980		0.9900
2,4-Dinitrotoluene	0.3488 0.3768	0.2293 0.3822	0.3329 0.3663	0.3096	0.3465	Ave		0.3366				15.0		15.0			
Dibenzofuran	1.8490 1.6320	1.6320 1.5040	1.5900 1.2996	1.6596	1.6646	Ave		1.6038				9.8		15.0			
2,3,5,6-Tetrachlorophenol	0.1604 0.3582	0.2496 0.3731	0.2366 0.3620	0.3114	0.3029	Lin1	-6.168	0.3627							0.9980		0.9900
2,3,4,6-Tetrachlorophenol	0.3136 0.3868	0.2761 0.3872	0.2360 0.3682	0.3345	0.3656	Lin1	-3.736	0.3749							0.9980		0.9900
Diethyl phthalate	+++++ 1.2147	1.5570 1.0983	1.2746 0.9746	1.3691	1.1942	Ave		1.2404				15.0		15.0			
4-Chlorophenyl phenyl ether	0.6869 0.7465	0.7217 0.7118	0.7556 0.6391	0.7410	0.6926	Ave		0.7119				5.4		15.0			
Fluorene	1.3626 1.3556	1.3728 1.3100	1.4145 1.1198	1.3303	1.3361	Ave		1.3252				6.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Nitroaniline	0.0851 0.2192	0.1653 0.2144	0.2057 0.1864	0.2080	0.2288	Lin2	-2.587	0.2178							0.9940		0.9900
4,6-Dinitro-2-methylphenol	0.0333 0.1171	0.0559 0.1408	0.0640 0.1341	0.0816	0.1029	Lin1	-18.70	0.1327							0.9930		0.9900
N-Nitrosodiphenylamine	0.7298 0.7368	0.7325 0.7137	0.7533 0.6245	0.7100	0.7579	Ave		0.7198				5.8		15.0			
Azobenzene	0.6886 0.5557	0.4947 0.5554	0.5525 0.5064	0.5609	0.5762	Ave		0.5613				10.0		15.0			
4-Bromophenyl phenyl ether	0.3093 0.3137	0.3200 0.3090	0.3129 0.2987	0.2842	0.3003	Ave		0.3060				3.7		15.0			
Hexachlorobenzene	0.4393 0.3872	0.4125 0.3879	0.4042 0.3601	0.4006	0.3903	Ave		0.3978				5.8		15.0			
Pentachlorophenol	+++++ 0.1471	+++++ 0.1687	0.0840 0.1805	0.1055	0.1312	Lin1	-13.26	0.1775							0.9960		0.9900
Octadecane	0.2195 0.1996	0.2617 0.1923	0.1911 0.1861	0.1873	0.1825	Ave		0.2025				13.0		15.0			
Phenanthrene	1.2269 1.1666	1.2403 1.0968	1.2249 0.8978	1.2231	1.2137	Ave		1.1613				10.0		15.0			
Anthracene	1.3586 1.1764	1.2143 1.0941	1.1686 0.9011	1.1685	1.1945	Ave		1.1595				11.0		15.0			
Carbazole	0.8942 0.9118	0.9342 0.8936	1.0059 0.5838	1.0097	0.9001	Ave		0.8917				15.0		15.0			
Di-n-butyl phthalate	1.5038 1.2819	1.4974 1.2154	1.2714 0.9659	1.3435	1.3334	Ave		1.3016				13.0		15.0			
Fluoranthene	1.2435 1.1557	1.2659 1.1374	1.2400 0.9303	1.2653	1.1886	Ave		1.1783				9.5		15.0			
Benzidine	0.3743 0.3218	0.3164 0.2877	0.3821 0.1403	0.3650	0.3452	Qua2	-0.233	0.3674	0						0.9940		0.9900
Pyrene	1.2539 1.2154	1.3778 1.2270	1.3654 0.9843	1.3802	1.2663	Ave		1.2588				10.0		15.0			
Butyl benzyl phthalate	0.8048 0.6468	0.6245 0.5696	0.5876 0.5533	0.5425	0.6637	Ave		0.6241				14.0		15.0			
3,3'-Dichlorobenzidine	0.3387 0.3554	0.3479 0.3235	0.3371 0.2687	0.3274	0.3749	Ave		0.3342				9.3		15.0			
Benzo[a]anthracene	1.3319 1.1658	1.2972 1.0656	1.2722 0.9436	1.1712	1.1237	Ave		1.1714				11.0		15.0			
Bis(2-ethylhexyl) phthalate	+++++ 0.9623	0.9970 0.8709	0.8650 0.8157	0.8565	1.0208	Ave		0.9126				8.7		15.0			
Chrysene	1.1295 1.1632	1.1671 1.0638	1.1854 0.9607	1.2033	1.1736	Ave		1.1308				7.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Di-n-octyl phthalate	1.5200 1.5882	1.4983 1.3833	1.2577 1.3536	1.3287	1.7319	Ave		1.4577				11.0		15.0			
Benzo[b]fluoranthene	0.9062 1.1843	1.0997 1.0779	1.1041 0.9710	1.1382	1.1723	Ave		1.0817				9.0		15.0			
Benzofluoranthene	1.1607 1.1868	1.1878 1.1050	1.1374 1.0488	1.1652	1.1877	Ave		1.1474				4.3		15.0			
Benzo[k]fluoranthene	1.4129 1.2049	1.2611 1.1336	1.2552 1.1472	1.1860	1.2059	Ave		1.2258				7.2		15.0			
Benzo[a]pyrene	1.0862 1.0711	1.1165 1.0305	1.1260 0.9947	1.0551	1.0632	Ave		1.0679				4.0		15.0			
Indeno[1,2,3-cd]pyrene	1.2972 1.1141	0.9602 1.1599	1.0897 1.1307	1.1376	1.1424	Ave		1.1290				8.2		15.0			
Dibenz(a,h)anthracene	0.9137 0.8827	0.8153 0.9521	0.8882 0.9091	0.8896	0.9247	Ave		0.8970				4.5		15.0			
Benzo[g,h,i]perylene	1.1209 1.0033	0.9793 1.0320	0.9431 0.9880	1.0065	1.0346	Ave		1.0135				5.2		15.0			
2-Fluorophenol	0.7945 1.1111	0.8966 1.1255	1.1276 1.1315	1.1284	1.1014	Ave		1.0521				12.0		15.0			
Phenol-d5	1.6609 1.3964	1.2360 1.3333	1.2034 1.3704	1.3572	1.4921	Ave		1.3812				10.0		15.0			
Nitrobenzene-d5	0.3203 0.2870	0.2730 0.2858	0.2346 0.2709	0.3083	0.2888	Ave		0.2836				9.1		15.0			
2-Fluorobiphenyl	1.3098 1.4139	1.3332 1.3449	1.4394 1.1746	1.3916	1.5082	Ave		1.3644				7.3		15.0			
2,4,6-Tribromophenol	+++++ 0.1975	0.1620 0.2058	0.1844 0.2025	0.1791	0.1923	Ave		0.1891				8.1		15.0			
Terphenyl-d14	0.8708 1.0079	0.9864 1.0093	1.0465 0.8462	1.0537	1.0176	Ave		0.9798				8.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-80068/3	FT003870.D
Level 2	IC 580-80068/4	FT003871.D
Level 3	IC 580-80068/5	FT003872.D
Level 4	IC 580-80068/6	FT003873.D
Level 5	IC 580-80068/7	FT003874.D
Level 6	ICIS 580-80068/8	FT003875.D
Level 7	IC 580-80068/9	FT003876.D
Level 8	IC 580-80068/10	FT003877.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Atrazine	ANT	Ave	+++++ +++++	+++++ 598704	+++++ +++++	+++++	+++++	+++++ +++++	+++++ 2000	+++++ +++++	+++++	+++++
N-Nitrosodimethylamine	DCB	Ave	12113 558043	33096 1096283	59455 2373285	100013	273887	100 5000	250 10000	500 25000	1000	2500
Pyridine	DCB	Ave	17638 1094209	55450 2101676	104762 4645638	208519	516213	100 5000	250 10000	500 25000	1000	2500
Cyclohexanone	DCB	Ave	5094 212465	14585 444590	24322 993732	41003	105548	20.0 1000	50.0 2000	100 5000	200	500
Aniline	DCB	Ave	+++++ 479493	20843 986608	41708 2232922	86437	230069	+++++ 1000	50.0 2000	100 5000	200	500
Phenol	DCB	Ave	9036 420244	22002 883918	52413 2025590	79564	203898	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethyl)ether	DCB	Ave	7443 436344	25281 876960	40163 1910763	81297	219036	20.0 1000	50.0 2000	100 5000	200	500
2-Chlorophenol	DCB	Ave	10997 432095	21504 957002	42963 2126523	84764	230495	20.0 1000	50.0 2000	100 5000	200	500
n-Decane	DCB	Ave	7757 305083	21512 686884	34194 1491129	64795	147480	20.0 1000	50.0 2000	100 5000	200	500
1,3-Dichlorobenzene	DCB	Ave	10580 517782	29656 1047224	54475 2318486	100290	239298	20.0 1000	50.0 2000	100 5000	200	500
1,4-Dichlorobenzene	DCB	Ave	9156 584201	34622 1169910	57754 2540281	104064	293161	20.0 1000	50.0 2000	100 5000	200	500
Benzyl alcohol	DCB	Ave	4505 233877	11037 510856	24486 1229716	32950	112216	20.0 1000	50.0 2000	100 5000	200	500
1,2-Dichlorobenzene	DCB	Ave	9166 515852	29870 1071077	55828 2327685	103613	257902	20.0 1000	50.0 2000	100 5000	200	500
2-Methylphenol	DCB	Ave	5723 365576	20129 776416	33295 1798616	68662	191068	20.0 1000	50.0 2000	100 5000	200	500
2,2'-oxybis[1-chloropropane]	DCB	Ave	8384 374879	20057 774901	34838 1738377	75133	186713	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzoic acid	NPT	Qua1	+++++ 725441	4863 2005589	22641 5207714	77954	279876	+++++ 5000	250 10000	500 25000	1000	2500
3 & 4 Methylphenol	DCB	Ave	8017 402697	19351 785675	35623 1852222	74493	181385	20.0 1000	50.0 2000	100 5000	200	500
N-Nitrosodi-n-propylamine	DCB	Ave	4920 233697	13509 458718	24103 1083057	46591	109468	20.0 1000	50.0 2000	100 5000	200	500
Acetophenone	DCB	Ave	11360 473869	26431 1045609	51406 2325851	98730	258777	20.0 1000	50.0 2000	100 5000	200	500
Hexachloroethane	DCB	Ave	3724 189080	9277 371596	17747 858052	35050	92533	20.0 1000	50.0 2000	100 5000	200	500
Nitrobenzene	NPT	Ave	5995 324696	18539 703513	35289 1559926	65573	169202	20.0 1000	50.0 2000	100 5000	200	500
Isophorone	NPT	Ave	12656 644521	34554 1268767	65084 2790246	122956	307323	20.0 1000	50.0 2000	100 5000	200	500
2-Nitrophenol	NPT	Ave	3314 239497	12444 498880	22569 1214934	41520	112790	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dimethylphenol	NPT	Ave	+++++ 369390	15432 721030	33879 1695016	63924	179532	+++++ 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethoxy)methane	NPT	Ave	11420 441921	18555 891334	41171 1989103	78387	207864	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dichlorophenol	NPT	Ave	6947 373900	16119 816190	35453 1792808	73831	188386	20.0 1000	50.0 2000	100 5000	200	500
1,2,4-Trichlorobenzene	NPT	Ave	9924 488783	22222 994774	45043 2216000	94415	240011	20.0 1000	50.0 2000	100 5000	200	500
Naphthalene	NPT	Ave	25887 1264504	67765 2498091	138826 5053318	272372	662102	20.0 1000	50.0 2000	100 5000	200	500
4-Chloroaniline	NPT	Ave	8793 454880	21060 1015120	50010 2271669	88711	235048	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorobutadiene	NPT	Ave	4784 282232	15581 575448	26217 1296298	54969	145295	20.0 1000	50.0 2000	100 5000	200	500
4-Chloro-3-methylphenol	NPT	Ave	5237 272665	17557 595268	28522 1365767	57575	132311	20.0 1000	50.0 2000	100 5000	200	500
2-Methylnaphthalene	NPT	Ave	18848 887415	46969 1714179	101663 3645626	172189	435934	20.0 1000	50.0 2000	100 5000	200	500
1-Methylnaphthalene	NPT	Ave	16472 869907	48032 1728454	98422 3585867	181854	432127	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorocyclopentadiene	ANT	Lin1	3708 268492	8771 599127	19702 1332537	43828	120909	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dinitrophenol	ANT	Qua1	+++++ 381754	3526 1045821	16817 2620608	38806	150874	+++++ 5000	250 10000	500 25000	1000	2500
2,4,6-Trichlorophenol	ANT	Ave	+++++ 283744	13725 606839	25449 1353601	46240	132236	+++++ 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2,3-Dichloroaniline	ANT	Ave	10822 469101	22388 958451	48358 2157607	88488	248124	20.0 1000	50.0 1999	100.0 4998	200	500
2,4,5-Trichlorophenol	ANT	Ave	5296 316659	12004 662467	27495 1538335	57057	150617	20.0 1000	50.0 2000	100 5000	200	500
Biphenyl	ANT	Ave	24749 1062612	56205 2102125	121115 4278835	209089	546142	20.0 1000	50.0 2000	100 5000	200	500
2-Chloronaphthalene	ANT	Ave	15594 858169	46524 1726424	94430 3640627	174216	443272	20.0 1000	50.0 2000	100 5000	200	500
2-Nitroaniline	ANT	Ave	2527 128785	7455 284076	11800 650874	27050	58776	20.0 1000	50.0 2000	100 5000	200	500
Dimethyl phthalate	ANT	Ave	18177 924697	60960 1833265	107155 3765574	183076	472617	20.0 1000	50.0 2000	100 5000	200	500
2,6-Dinitrotoluene	ANT	Ave	3346 225966	13247 485976	21905 1084616	43287	115309	20.0 1000	50.0 2000	100 5000	200	500
Acenaphthylene	ANT	Ave	26872 1274662	68699 2479823	142951 4893851	252294	646350	20.0 1000	50.0 2000	100 5000	200	500
3-Nitroaniline	ANT	Lin1	2683 180254	8662 409005	15410 880542	36990	82562	20.0 1000	50.0 2000	100 5000	200	500
Acenaphthene	ANT	Ave	19278 887612	48372 1717934	92826 3549940	179383	436376	20.0 1000	50.0 2000	100 5000	200	500
4-Nitrophenol	ANT	Lin1	2454 229071	9099 530645	18705 1234686	39435	106627	100 5000	250 10000	500 25000	1000	2500
2,4-Dinitrotoluene	ANT	Ave	5340 272147	9267 582508	25818 1311559	45628	127401	20.0 1000	50.0 2000	100 5000	200	500
Dibenzofuran	ANT	Ave	28303 1178797	65957 2291936	123312 4653183	244570	612039	20.0 1000	50.0 2000	100 5000	200	500
2,3,5,6-Tetrachlorophenol	ANT	Lin1	2456 258740	10089 568647	18347 1296075	45886	111358	20.0 1000	50.0 2000	100 5000	200	500
2,3,4,6-Tetrachlorophenol	ANT	Lin1	4800 279381	11160 590080	18302 1318421	49301	134427	20.0 1000	50.0 2000	100 5000	200	500
Diethyl phthalate	ANT	Ave	+++++ 877420	62926 1673709	98851 3489475	201766	439084	+++++ 1000	50.0 2000	100 5000	200	500
4-Chlorophenyl phenyl ether	ANT	Ave	10515 539176	29166 1084755	58603 2288225	109197	254637	20.0 1000	50.0 2000	100 5000	200	500
Fluorene	ANT	Ave	20858 979164	55483 1996416	109704 4009225	196050	491253	20.0 1000	50.0 2000	100 5000	200	500
4-Nitroaniline	ANT	Lin2	1303 158364	6680 326697	15955 667362	30657	84131	20.0 1000	50.0 2000	100 5000	200	500
4,6-Dinitro-2-methylphenol	PHN	Lin1	4068 642314	17268 1610969	38572 3632432	91767	289634	100 5000	250 10000	500 25000	1000	2500
N-Nitrosodiphenylamine	PHN	Ave	17838 808546	45244 1632960	90837 3383288	159666	426740	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Azobenzene	PHN	Ave	16830 609805	30554 1270826	66621 2743067	126131	324429	20.0 1000	50.0 2000	100 5000	200	500
4-Bromophenyl phenyl ether	PHN	Ave	7560 344183	19765 706935	37738 1618180	63912	169099	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorobenzene	PHN	Ave	10738 424860	25480 887385	48741 1950992	90084	219790	20.0 1000	50.0 2000	100 5000	200	500
Pentachlorophenol	PHN	Lin1	+++++ 161366	+++++ 385929	10129 978007	23717	73873	+++++ 1000	+++++ 2000	100 5000	200	500
Octadecane	PHN	Ave	5363 218944	16160 439850	23034 1007595	42113	102745	20.0 1000	50.0 1999	100.0 4998	200	500
Phenanthrene	PHN	Ave	29986 1280163	76613 2509291	147709 4863886	275057	683390	20.0 1000	50.0 2000	100 5000	200	500
Anthracene	PHN	Ave	33207 1290870	75004 2503322	140917 4881750	262782	672571	20.0 1000	50.0 2000	100 5000	200	500
Carbazole	PHN	Ave	21856 1000561	57705 2044523	121301 3162733	227050	506813	20.0 1000	50.0 2000	100 5000	200	500
Di-n-butyl phthalate	PHN	Ave	36756 1406692	92489 2780701	153311 5232308	302124	750767	20.0 1000	50.0 2000	100 5000	200	500
Fluoranthene	PHN	Ave	30393 1268208	78191 2602342	149526 5039561	284534	669275	20.0 1000	50.0 2000	100 5000	200	500
Benzidine	PHN	Qua2	18299 706237	39086 1316583	92156 1520587	164173	388782	40.0 2000	100 4000	200 10000	400	1000
Pyrene	PHN	Ave	30646 1333760	85103 2807242	164655 5331997	310371	712998	20.0 1000	50.0 2000	100 5000	200	500
Butyl benzyl phthalate	CRY	Ave	16855 556026	33344 1184090	66502 2524834	108749	291869	20.0 1000	50.0 2000	100 5000	200	500
3,3'-Dichlorobenzidine	CRY	Ave	14189 611139	37152 1344762	76306 2452258	131275	329781	40.0 2000	100 4000	200 10000	400	1000
Benzo[a]anthracene	CRY	Ave	27894 1002165	69256 2215106	143997 4305738	234772	494162	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-ethylhexyl) phthalate	CRY	Ave	+++++ 827260	53228 1810476	97901 3722363	171702	448928	+++++ 1000	50.0 2000	100 5000	200	500
Chrysene	CRY	Ave	23655 1000009	62311 2211340	134162 4384104	241204	516147	20.0 1000	50.0 2000	100 5000	200	500
Di-n-octyl phthalate	PRY	Ave	31652 1239908	73868 2673604	138929 5582068	242554	703708	20.0 1000	50.0 2000	100 5000	200	500
Benzo[b]fluoranthene	PRY	Ave	18870 924552	54216 2083299	121957 4004201	207769	476347	20.0 1000	50.0 2000	100 5000	200	500
Benzofluoranthene	PRY	Ave	48342 1853042	117114 4271537	251268 8649651	425385	965154	40.0 2000	100 4000	200 10000	400	1000
Benzo[k]fluoranthene	PRY	Ave	29422 940671	62171 2191054	138645 4730653	216495	489998	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzo[a]pyrene	PRY	Ave	22619 836214	55044 1991804	124378 4101954	192609	431983	20.0 1000	50.0 2000	100 5000	200	500
Indeno[1,2,3-cd]pyrene	PRY	Ave	27014 869784	47338 2241818	120364 4662791	207662	464170	20.0 1000	50.0 2000	100 5000	200	500
Dibenz(a,h)anthracene	PRY	Ave	19027 689159	40196 1840247	98113 3749098	162398	375725	20.0 1000	50.0 2000	100 5000	200	500
Benzo[g,h,i]perylene	PRY	Ave	23342 783247	48278 1994695	104178 4074310	183731	420373	20.0 1000	50.0 2000	100 5000	200	500
2-Fluorophenol	DCB	Ave	5176 361861	15955 788299	37403 1837417	70395	173571	19.8 992	49.6 1984	99.2 4960	198	496
Phenol-d5	DCB	Ave	10674 448570	21696 921130	39376 2194984	83518	231955	19.6 979	48.9 1957	97.9 4893	196	489
Nitrobenzene-d5	NPT	Ave	7916 340379	17046 705754	28942 1570137	71435	170393	19.7 984	49.2 1968	98.4 4920	197	492
2-Fluorobiphenyl	ANT	Ave	19769 1006957	53128 2020780	110073 4146671	202201	546747	19.7 986	49.3 1972	98.6 4930	197	493
2,4,6-Tribromophenol	PHN	Ave	+++++ 213393	9856 463687	21893 1080250	39655	106631	+++++ 985	49.2 1970	98.5 4924	197	492
Terphenyl-d14	PHN	Ave	20645 1072823	59097 2239880	122410 4446659	229856	555789	19.4 970	48.5 1940	97.0 4850	194	485

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81637

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2011 10:37 Calibration End Date: 03/04/2011 12:56 Calibration ID: 7396

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81637/3	FT003987.D
Level 2	IC 580-81637/4	FT003988.D
Level 3	IC 580-81637/5	FT003989.D
Level 4	IC 580-81637/6	FT003990.D
Level 5	ICIS 580-81637/7	FT003991.D
Level 6	IC 580-81637/8	FT003992.D
Level 7	IC 580-81637/9	FT003993.D
Level 8	IC 580-81637/10	FT003994.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	1.0680 1.0901	1.1266 1.0203	1.1732 0.8821	1.1107	1.0581	Ave		1.0661				8.2					
2-Methylnaphthalene	0.4830 0.6328	0.5150 0.6205	0.5437 0.5831	0.5611	0.5958	Ave		0.5669				9.1					
1-Methylnaphthalene	0.6598 0.6827	0.6820 0.6570	0.6517 0.6094	0.6975	0.6630	Ave		0.6629				4.0					
Acenaphthylene	1.7531 1.7655	1.7559 1.6535	1.7021 1.4265	1.7639	1.7597	Ave		1.6975				6.9					
Acenaphthene	1.3289 1.2550	1.3082 1.2029	1.2905 1.0990	1.3023	1.2585	Ave		1.2557				5.9					
Fluorene	1.3494 1.4309	1.3238 1.2887	1.2722 1.2030	1.2840	1.3922	Ave		1.3180				5.5					
Pentachlorophenol	0.2480 0.1953	0.1666 0.2035	0.1049 0.2400	0.0916	0.1774	Lin1	-1.777	0.1961							0.9900		
Phenanthrene	1.0122 1.2105	1.0384 1.1351	1.1035 0.9617	1.1314	1.1746	Ave		1.0959				7.8					
Anthracene	1.4053 1.3044	1.4637 1.2077	1.2928 1.0268	1.2606	1.2569	Ave		1.2773				10.0					
Fluoranthene	1.1254 1.2771	1.1284 1.2377	1.1834 1.0636	1.0870	1.1759	Ave		1.1598				6.3					
Pyrene	1.2460 1.4164	1.2702 1.3371	1.3115 1.1315	1.1953	1.2800	Ave		1.2735				6.8					
Benzo[a]anthracene	0.9228 1.0364	0.8565 1.0650	0.8557 0.9461	0.9818	1.0958	Ave		0.9700				9.4					
Chrysene	1.4972 1.2469	1.5017 1.1118	1.4725 0.9563	1.3726	1.2567	Ave		1.3020				15.0					
Benzo[b]fluoranthene	1.0530 1.2917	1.0209 1.2940	1.1437 1.1290	1.1212	1.2396	Ave		1.1616				8.9					

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81637

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2011 10:37 Calibration End Date: 03/04/2011 12:56 Calibration ID: 7396

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzo[k]fluoranthene	1.8449 1.6153	1.7458 1.6123	1.7962 1.4083	1.7719	1.7162	Ave		1.6888				8.3					
Benzo[a]pyrene	1.0917 1.2746	1.0393 1.2800	1.1066 1.1625	1.1949	1.2172	Ave		1.1708				7.4					
Indeno[1,2,3-cd]pyrene	0.9812 1.2068	0.9902 1.0799	1.0117 1.1752	1.1058	1.0715	Ave		1.0778				7.7					
Dibenz(a,h)anthracene	0.6960 0.9919	0.8197 0.8991	0.7971 0.9739	0.9060	0.8523	Ave		0.8670				11.0					
Benzo[g,h,i]perylene	0.9703 1.0745	0.9981 0.9502	1.0287 1.0058	1.0628	0.9646	Ave		1.0069				4.5					
Nitrobenzene-d5	0.3091 0.3052	0.2422 0.3172	0.3231 0.3175	0.2920	0.3034	Ave		0.3012				8.6					
2-Fluorobiphenyl	1.4021 1.4332	1.1145 1.3521	1.4744 1.2122	1.4896	1.4630	Ave		1.3676				9.9					
2,4,6-Tribromophenol	0.1785 0.3193	0.1696 0.3150	0.2289 0.3320	0.2433	0.2901	Lin1	-1.514	0.3237							0.9980		
Terphenyl-d14	0.7740 1.0108	0.7915 0.9769	0.8709 0.8882	0.7883	0.8996	Ave		0.8750				10.0					

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81637

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2011 10:37 Calibration End Date: 03/04/2011 12:56 Calibration ID: 7396

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81637/3	FT003987.D
Level 2	IC 580-81637/4	FT003988.D
Level 3	IC 580-81637/5	FT003989.D
Level 4	IC 580-81637/6	FT003990.D
Level 5	ICIS 580-81637/7	FT003991.D
Level 6	IC 580-81637/8	FT003992.D
Level 7	IC 580-81637/9	FT003993.D
Level 8	IC 580-81637/10	FT003994.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Naphthalene	NPT	Ave	4723 1142504	9056 2341114	49680 4898284	101579	542223	5.00 1000	10.0 2000	50.0 5000	100	500
2-Methylnaphthalene	NPT	Ave	2136 663235	4140 1423661	23024 3237816	51318	305301	5.00 1000	10.0 2000	50.0 5000	100	500
1-Methylnaphthalene	NPT	Ave	2918 715489	5482 1507594	27595 3384135	63790	339759	5.00 1000	10.0 2000	50.0 5000	100	500
Acenaphthylene	ANT	Ave	4517 1160928	8683 2376156	42937 4883362	94880	544380	5.00 1000	10.0 2000	50.0 5000	100	500
Acenaphthene	ANT	Ave	3424 825236	6469 1728646	32555 3762209	70049	389323	5.00 1000	10.0 2000	50.0 5000	100	500
Fluorene	ANT	Ave	3477 940910	6546 1851990	32093 4118182	69064	430681	5.00 1000	10.0 2000	50.0 5000	100	500
Pentachlorophenol	ANT	Lin1	639 128392	824 292396	2646 821509	4926	54867	5.00 1000	10.0 2000	50.0 5000	100	500
Phenanthrene	PHN	Ave	3818 1201120	7500 2460531	41270 5021297	87641	540652	5.00 1000	10.0 2000	50.0 5000	100	500
Anthracene	PHN	Ave	5301 1294270	10572 2617958	48349 5360928	97646	578502	5.00 1000	10.0 2000	50.0 5000	100	500
Fluoranthene	PHN	Ave	4245 1267255	8150 2682980	44258 5553243	84203	541252	5.00 1000	10.0 2000	50.0 5000	100	500
Pyrene	PHN	Ave	4700 1405404	9174 2898555	49049 5907780	92585	589164	5.00 1000	10.0 2000	50.0 5000	100	500
Benzo[a]anthracene	CRY	Ave	2482 985172	4480 2237129	22835 5064769	43222	365817	5.00 1000	10.0 2000	50.0 5000	100	500
Chrysene	CRY	Ave	4027 1185226	7855 2335279	39294 5119564	60426	419531	5.00 1000	10.0 2000	50.0 5000	100	500
Benzo[b]fluoranthene	PRY	Ave	1935 904206	3497 1821446	21058 4423057	33581	277024	5.00 1000	10.0 2000	50.0 5000	100	500
Benzo[k]fluoranthene	PRY	Ave	3390 1130711	5980 2269467	33072 5517142	53069	383522	5.00 1000	10.0 2000	50.0 5000	100	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81637

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2011 10:37 Calibration End Date: 03/04/2011 12:56 Calibration ID: 7396

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzo[a]pyrene	PRY	Ave	2006 892225	3560 1801718	20374 4554044	35789	272023	5.00 1000	10.0 2000	50.0 5000	100	500
Indeno[1,2,3-cd]pyrene	PRY	Ave	1803 844799	3392 1520133	18628 4603870	33120	239444	5.00 1000	10.0 2000	50.0 5000	100	500
Dibenz(a,h)anthracene	PRY	Ave	1279 694362	2808 1265656	14676 3815367	27136	190468	5.00 1000	10.0 2000	50.0 5000	100	500
Benzo[g,h,i]perylene	PRY	Ave	1783 752137	3419 1337511	18940 3940423	31832	215561	5.00 1000	10.0 2000	50.0 5000	100	500
Nitrobenzene-d5	NPT	Ave	1345 314747	1916 716262	13461 1734728	26276	152993	4.92 984	9.84 1968	49.2 4920	98.4	492
2-Fluorobiphenyl	ANT	Ave	3562 929227	5434 1915931	36674 4091687	79002	446259	4.93 986	9.86 1972	49.3 4930	98.6	493
2,4,6-Tribromophenol	ANT	Lin1	453 206783	826 445790	5686 1119294	12889	88365	4.92 985	9.85 1970	49.2 4924	98.5	492
Terphenyl-d14	PHN	Ave	2832 972935	5545 2054231	31591 4498018	59230	401628	4.85 970	9.70 1940	48.5 4850	97.0	485

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81932/11 Calibration Date: 03/09/2011 14:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024432.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pyridine	Lin1		0.4374		5050	5070	-0.5	25.0
N-Nitrosodimethylamine	Ave	0.2314	0.2331		5010	4970	0.8	25.0
Cyclohexanone	Ave	0.5288	0.5987		1130	1000	13.2	25.0
Phenol	Ave	1.256	1.387		1090	990	10.4	25.0
Aniline	Ave	1.383	1.507		1090	1000	8.9	25.0
Bis(2-chloroethyl)ether	Ave	1.188	1.280		1080	1000	7.7	25.0
2-Chlorophenol	Lin1		1.433		1080	981	10.0	25.0
n-Decane	Ave	0.8243	0.9133		1100	996	10.8	25.0
1,3-Dichlorobenzene	Ave	1.559	1.610		1040	1010	3.3	25.0
1,4-Dichlorobenzene	Ave	1.597	1.722		1080	999	7.8	25.0
Benzyl alcohol	Lin1		0.6698		996	1000	-0.4	25.0
1,2-Dichlorobenzene	Ave	1.496	1.588		1060	1000	6.2	25.0
2-Methylphenol	Ave	0.9316	1.021		1100	1000	9.6	25.0
2,2'-oxybis[1-chloropropane]	Ave	0.8632	1.014		1170	999	17.4	25.0
N-Nitrosodi-n-propylamine	Ave	0.5855	0.6896	0.0500	1170	995	17.8	25.0
Acetophenone	Ave	1.382	1.610		1170	1000	16.5	25.0
3 & 4 Methylphenol	Ave	0.9382	1.082		1160	1010	15.3	25.0
Hexachloroethane	Ave	0.5164	0.5472		1060	1000	6.0	25.0
Nitrobenzene	Ave	0.2480	0.2846		1150	1000	14.8	25.0
Isophorone	Ave	0.4409	0.5171		1170	1000	17.3	25.0
2-Nitrophenol	Lin1		0.2100		1030	987	3.8	20.0
2,4-Dimethylphenol	Ave	0.2592	0.2659		1010	986	2.6	25.0
Bis(2-chloroethoxy)methane	Lin1		0.3949		1170	1000	17.0	25.0
Benzoic acid	Lin1		0.1294		4070	4980	-18.4	25.0
2,4-Dichlorophenol	Lin1		0.3300		1030	989	3.7	20.0
1,2,4-Trichlorobenzene	Ave	0.4049	0.4104		1010	1000	1.4	25.0
Naphthalene	Ave	1.021	1.067		1050	1000	4.6	25.0
4-Chloroaniline	Ave	0.3737	0.4084		1090	1000	9.3	25.0
Hexachlorobutadiene	Ave	0.2644	0.2724		1040	1010	3.0	25.0
4-Chloro-3-methylphenol	Lin1		0.2537		1070	984	8.7	20.0
2-Methylnaphthalene	Ave	0.7052	0.7721		1100	1000	9.5	25.0
1-Methylnaphthalene	Ave	0.6978	0.7248		1040	1000	3.9	25.0
Hexachlorocyclopentadiene	Qua1		0.3437	0.0500	954	1000	-5.1	25.0
2,3-Dichloroaniline	Ave	0.6036	0.6641		1110	1010	10.0	25.0
2,4,6-Trichlorophenol	Lin1		0.4497		1070	982	8.6	25.0
2,4,5-Trichlorophenol	Ave	0.4054	0.4785		1170	992	18.0	25.0
Biphenyl	Ave	1.450	1.570		1090	1010	8.3	25.0
2-Chloronaphthalene	Ave	1.159	1.231		1060	1000	6.2	25.0
2-Nitroaniline	Lin1		0.1974		1150	998	15.1	25.0
Dimethyl phthalate	Ave	1.167	1.243		1070	1000	6.5	25.0
2,6-Dinitrotoluene	Lin1		0.3385		1140	1000	13.6	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81932/11 Calibration Date: 03/09/2011 14:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024432.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.688	1.912		1130	1000	13.3	25.0
3-Nitroaniline	Lin1		0.2891		1130	1000	13.0	25.0
Acenaphthene	Ave	1.168	1.178		1010	1000	0.8	25.0
2,4-Dinitrophenol	Qua2		0.1225	0.0500	4140	4990	-17.0	25.0
4-Nitrophenol	Lin1		0.0853	0.0500	5250	5040	4.2	25.0
2,4-Dinitrotoluene	Lin1		0.4306		1160	1000	16.0	25.0
Dibenzofuran	Ave	1.650	1.777		1060	986	7.7	25.0
2,3,5,6-Tetrachlorophenol	Lin1		0.3688		961	1010	-5.3	25.0
2,3,4,6-Tetrachlorophenol	Ave	0.3832	0.4409		1140	988	15.1	25.0
Diethyl phthalate	Ave	1.084	1.119		1030	1000	3.3	25.0
4-Chlorophenyl phenyl ether	Lin2		0.8715		1190	1000	18.7	25.0
Fluorene	Ave	1.302	1.337		1040	1010	2.6	25.0
4-Nitroaniline	Lin1		0.2760		1160	1000	15.7	25.0
4,6-Dinitro-2-methylphenol	Lin1		0.1497		4780	5010	-4.7	25.0
N-Nitrosodiphenylamine	Ave	0.6231	0.7076		1130	998	13.6	25.0
Azobenzene	Ave	0.4448	0.4701		1040	986	5.7	25.0
4-Bromophenyl phenyl ether	Ave	0.3160	0.3686		1170	1000	16.6	25.0
Hexachlorobenzene	Ave	0.4549	0.4445		976	999	-2.3	25.0
Pentachlorophenol	Lin1		0.1743		1030	982	4.5	20.0
Octadecane	Ave	0.1421	0.1481		1040	1000	4.2	25.0
Phenanthrene	Ave	1.167	1.154		989	1000	-1.1	25.0
Anthracene	Ave	1.115	1.178		1060	1000	5.6	25.0
Carbazole	Ave	0.9279	1.056		1140	1000	13.8	25.0
Di-n-butyl phthalate	Ave	1.216	1.248		1030	1000	2.7	25.0
Fluoranthene	Ave	1.309	1.411		1080	1000	7.8	25.0
Benzidine	Qua1		0.4800		1990	2000	-0.5	25.0
Pyrene	Ave	1.441	1.482		1030	1000	2.8	25.0
Butyl benzyl phthalate	Ave	0.3518	0.3583		1020	1000	1.9	25.0
3,3'-Dichlorobenzidine	Ave	0.3180	0.3734		2370	2020	17.4	25.0
Benzo[a]anthracene	Ave	1.081	1.071		990	1000	-1.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.5521	0.5405		986	1010	-2.1	25.0
Chrysene	Ave	1.089	1.061		978	1000	-2.6	25.0
Di-n-octyl phthalate	Lin1		0.7636		888	1000	-11.3	20.0
Benzo[b]fluoranthene	Ave	1.127	1.033		916	1000	-8.4	25.0
Benzo[k]fluoranthene	Ave	1.189	1.203		1010	1000	1.1	25.0
Benzofluoranthene	Ave	1.118	1.096		1960	2000	-2.0	25.0
Benzo[a]pyrene	Ave	0.9924	0.9936		1000	1000	0.1	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.137	1.127		995	1000	-0.8	25.0
Dibenz(a,h)anthracene	Ave	0.9379	0.9437		1010	1000	0.6	25.0
Benzo[g,h,i]perylene	Ave	0.9841	0.9305		948	1000	-5.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82179/2 Calibration Date: 03/13/2011 11:02

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024455.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.2314	0.2326		5030	5000	0.5	
Pyridine	Lin1		0.4200		4780	5000	-4.3	
Cyclohexanone	Ave	0.5288	0.5582		1060	1000	5.6	
Phenol	Ave	1.256	1.361		1080	1000	8.4	20.0
Aniline	Ave	1.383	1.466		1060	1000	6.0	
Bis(2-chloroethyl)ether	Ave	1.188	1.089		916	1000	-8.4	
2-Chlorophenol	Lin1		1.330		1020	1000	2.1	
n-Decane	Ave	0.8243	0.8020		973	1000	-2.7	
1,3-Dichlorobenzene	Ave	1.559	1.528		980	1000	-2.0	
1,4-Dichlorobenzene	Ave	1.597	1.627		1020	1000	1.9	20.0
Benzyl alcohol	Lin1		0.4941		743	1000	-25.7	
1,2-Dichlorobenzene	Ave	1.496	1.485		992	1000	-0.8	
2-Methylphenol	Ave	0.9316	0.9933		1070	1000	6.6	
2,2'-oxybis[1-chloropropane]	Ave	0.8632	0.8708		1010	1000	0.9	
N-Nitrosodi-n-propylamine	Ave	0.5855	0.6389	0.0500	1090	1000	9.1	
Acetophenone	Ave	1.382	1.484		1070	1000	7.4	
3 & 4 Methylphenol	Ave	0.9382	0.9888		1050	1000	5.4	
Hexachloroethane	Ave	0.5164	0.5003		969	1000	-3.1	
Nitrobenzene	Ave	0.2480	0.2662		1070	1000	7.3	
Isophorone	Ave	0.4409	0.4933		1120	1000	11.9	
2-Nitrophenol	Lin1		0.2119		1050	1000	4.8	20.0
2,4-Dimethylphenol	Ave	0.2592	0.2825		1090	1000	9.0	
Bis(2-chloroethoxy)methane	Lin1		0.3310		983	1000	-1.7	
Benzoic acid	Lin1		0.1532		4750	5000	-5.0	
2,4-Dichlorophenol	Lin1		0.3144		989	1000	-1.1	20.0
1,2,4-Trichlorobenzene	Ave	0.4049	0.4210		1040	1000	4.0	
Naphthalene	Ave	1.021	1.046		1020	1000	2.4	
4-Chloroaniline	Ave	0.3737	0.3587		960	1000	-4.0	
Hexachlorobutadiene	Ave	0.2644	0.2609		987	1000	-1.3	20.0
4-Chloro-3-methylphenol	Lin1		0.2443		1050	1000	4.7	20.0
2-Methylnaphthalene	Ave	0.7052	0.7322		1040	1000	3.8	
1-Methylnaphthalene	Ave	0.6978	0.7300		1050	1000	4.6	
Hexachlorocyclopentadiene	Qua1		0.3375	0.0500	934	1000	-6.6	
2,3-Dichloroaniline	Ave	0.6036	0.6496		1080	1000	7.6	
2,4,6-Trichlorophenol	Lin1		0.4105		993	1000	-0.7	
2,4,5-Trichlorophenol	Ave	0.4054	0.4316		1060	1000	6.5	
Biphenyl	Ave	1.450	1.478		1020	1000	1.9	
2-Chloronaphthalene	Ave	1.159	1.208		1040	1000	4.3	
2-Nitroaniline	Lin1		0.1754		1030	1000	2.6	
Dimethyl phthalate	Ave	1.167	1.206		1030	1000	3.4	
2,6-Dinitrotoluene	Lin1		0.3038		1020	1000	2.1	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82179/2 Calibration Date: 03/13/2011 11:02

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024455.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.688	1.751		1040	1000	3.8	
3-Nitroaniline	Lin1		0.2629		1030	1000	3.0	
Acenaphthene	Ave	1.168	1.183		1010	1000	1.2	20.0
2,4-Dinitrophenol	Qua2		0.1239	0.0500	4190	5000	-16.2	
4-Nitrophenol	Lin1		0.0803	0.0500	4920	5000	-1.5	
2,4-Dinitrotoluene	Lin1		0.3783		1020	1000	2.1	
Dibenzofuran	Ave	1.650	1.713		1040	1000	3.8	
2,3,5,6-Tetrachlorophenol	Lin1		0.3756		964	1000	-3.6	
2,3,4,6-Tetrachlorophenol	Ave	0.3832	0.4058		1060	1000	5.9	
Diethyl phthalate	Ave	1.084	1.098		1010	1000	1.3	
4-Chlorophenyl phenyl ether	Lin2		0.7223		984	1000	-1.6	
Fluorene	Ave	1.302	1.371		1050	1000	5.2	
4-Nitroaniline	Lin1		0.2612		1100	1000	9.6	
4,6-Dinitro-2-methylphenol	Lin1		0.1282		4120	5000	-17.7	
N-Nitrosodiphenylamine	Ave	0.6231	0.6796		1090	1000	9.1	
Azobenzene	Ave	0.4448	0.4824		1080	1000	8.4	
4-Bromophenyl phenyl ether	Ave	0.3160	0.3322		1050	1000	5.1	
Hexachlorobenzene	Ave	0.4549	0.4429		974	1000	-2.6	
Pentachlorophenol	Lin1		0.1412		868	1000	-13.2	20.0
Octadecane	Ave	0.1421	0.1547		1090	1000	8.8	
Phenanthrene	Ave	1.167	1.179		1010	1000	1.1	
Anthracene	Ave	1.115	1.198		1070	1000	7.4	
Carbazole	Ave	0.9279	1.042		1120	1000	12.3	
Di-n-butyl phthalate	Ave	1.216	1.286		1060	1000	5.8	
Fluoranthene	Ave	1.309	1.426		1090	1000	9.0	20.0
Benzidine	Qua1		0.4607		1900	2000	-5.0	
Pyrene	Ave	1.441	1.510		1050	1000	4.8	
Butyl benzyl phthalate	Ave	0.3518	0.3998		1140	1000	13.7	
3,3'-Dichlorobenzidine	Ave	0.3180	0.4039		2540	2000	27.0	
Benzo[a]anthracene	Ave	1.081	1.085		1000	1000	0.3	
Bis(2-ethylhexyl) phthalate	Ave	0.5521	0.5855		1060	1000	6.0	
Chrysene	Ave	1.089	1.082		993	1000	-0.7	
Di-n-octyl phthalate	Lin1		0.9663		1120	1000	11.8	20.0
Benzo[b]fluoranthene	Ave	1.127	1.185		1050	1000	5.1	
Benzo[k]fluoranthene	Ave	1.189	1.272		1070	1000	7.0	
Benzofluoranthene	Ave	1.118	1.213		2170	2000	8.5	
Benzo[a]pyrene	Ave	0.9924	1.070		1080	1000	7.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.137	1.110		976	1000	-2.4	
Dibenz(a,h)anthracene	Ave	0.9379	0.9347		997	1000	-0.3	
Benzo[g,h,i]perylene	Ave	0.9841	0.8761		890	1000	-11.0	
2-Fluorophenol	Ave	1.057	1.071		1010	992	1.3	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82179/2 Calibration Date: 03/13/2011 11:02

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024455.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenol-d5	Ave	1.221	1.344		1080	978	10.1	
Nitrobenzene-d5	Ave	0.2563	0.2782		1070	984	8.5	
2-Fluorobiphenyl	Ave	1.407	1.452		1020	986	3.2	
2,4,6-Tribromophenol	Ave	0.2508	0.2632		1030	985	5.0	
Terphenyl-d14	Ave	1.336	1.424		1030	970	6.6	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82189/2 Calibration Date: 03/14/2011 07:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024460.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.2314	0.2452		5300	5000	6.0	
Pyridine	Lin1		0.4380		4980	5000	-0.3	
Cyclohexanone	Ave	0.5288	0.5859		1110	1000	10.8	
Phenol	Ave	1.256	1.380		1100	1000	9.9	20.0
Aniline	Ave	1.383	1.514		1090	1000	9.5	
Bis(2-chloroethyl)ether	Ave	1.188	1.110		934	1000	-6.6	
2-Chlorophenol	Lin1		1.268		974	1000	-2.6	
n-Decane	Ave	0.8243	0.8705		1060	1000	5.6	
1,3-Dichlorobenzene	Ave	1.559	1.587		1020	1000	1.8	
1,4-Dichlorobenzene	Ave	1.597	1.665		1040	1000	4.3	20.0
Benzyl alcohol	Lin1		0.5645		844	1000	-15.6	
1,2-Dichlorobenzene	Ave	1.496	1.545		1030	1000	3.3	
2-Methylphenol	Ave	0.9316	1.014		1090	1000	8.9	
2,2'-oxybis[1-chloropropane]	Ave	0.8632	0.9395		1090	1000	8.8	
Acetophenone	Ave	1.382	1.457		1050	1000	5.4	
N-Nitrosodi-n-propylamine	Ave	0.5855	0.6150	0.0500	1050	1000	5.0	
3 & 4 Methylphenol	Ave	0.9382	0.9536		1020	1000	1.6	
Hexachloroethane	Ave	0.5164	0.5276		1020	1000	2.2	
Nitrobenzene	Ave	0.2480	0.2714		1090	1000	9.4	
Isophorone	Ave	0.4409	0.4789		1090	1000	8.6	
2-Nitrophenol	Lin1		0.2081		1030	1000	2.9	20.0
2,4-Dimethylphenol	Ave	0.2592	0.2684		1040	1000	3.5	
Bis(2-chloroethoxy)methane	Lin1		0.3348		994	1000	-0.6	
Benzoic acid	Lin1		0.1590		4910	5000	-1.7	
2,4-Dichlorophenol	Lin1		0.3140		988	1000	-1.2	20.0
1,2,4-Trichlorobenzene	Ave	0.4049	0.4024		994	1000	-0.6	
Naphthalene	Ave	1.021	1.042		1020	1000	2.1	
4-Chloroaniline	Ave	0.3737	0.3753		1000	1000	0.4	
Hexachlorobutadiene	Ave	0.2644	0.2579		975	1000	-2.5	20.0
4-Chloro-3-methylphenol	Lin1		0.2250		966	1000	-3.4	20.0
2-Methylnaphthalene	Ave	0.7052	0.7158		1020	1000	1.5	
1-Methylnaphthalene	Ave	0.6978	0.7230		1040	1000	3.6	
Hexachlorocyclopentadiene	Qua1		0.3029	0.0500	846	1000	-15.4	
2,3-Dichloroaniline	Ave	0.6036	0.6379		1060	1000	5.7	
2,4,6-Trichlorophenol	Lin1		0.3981		963	1000	-3.7	
2,4,5-Trichlorophenol	Ave	0.4054	0.4204		1040	1000	3.7	
Biphenyl	Ave	1.450	1.492		1030	1000	2.9	
2-Chloronaphthalene	Ave	1.159	1.186		1020	1000	2.3	
2-Nitroaniline	Lin1		0.1797		1050	1000	5.0	
Dimethyl phthalate	Ave	1.167	1.231		1060	1000	5.5	
2,6-Dinitrotoluene	Lin1		0.3063		1030	1000	2.9	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82189/2 Calibration Date: 03/14/2011 07:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024460.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.688	1.800		1070	1000	6.6	
3-Nitroaniline	Lin1		0.2656		1040	1000	4.0	
Acenaphthene	Ave	1.168	1.175		1010	1000	0.6	20.0
2,4-Dinitrophenol	Qua2		0.1323	0.0500	4440	5000	-11.1	
4-Nitrophenol	Lin1		0.0876	0.0500	5340	5000	6.9	
2,4-Dinitrotoluene	Lin1		0.3904		1050	1000	5.3	
Dibenzofuran	Ave	1.650	1.714		1040	1000	3.9	
2,3,5,6-Tetrachlorophenol	Lin1		0.3785		972	1000	-2.8	
2,3,4,6-Tetrachlorophenol	Ave	0.3832	0.4080		1060	1000	6.5	
Diethyl phthalate	Ave	1.084	1.118		1030	1000	3.2	
4-Chlorophenyl phenyl ether	Lin2		0.7619		1040	1000	3.8	
Fluorene	Ave	1.302	1.370		1050	1000	5.2	
4-Nitroaniline	Lin1		0.2577		1080	1000	8.2	
4,6-Dinitro-2-methylphenol	Lin1		0.1297		4160	5000	-16.8	
N-Nitrosodiphenylamine	Ave	0.6231	0.6649		1070	1000	6.7	
Azobenzene	Ave	0.4448	0.4729		1060	1000	6.3	
4-Bromophenyl phenyl ether	Ave	0.3160	0.3238		1020	1000	2.5	
Hexachlorobenzene	Ave	0.4549	0.4392		966	1000	-3.4	
Pentachlorophenol	Lin1		0.1345		833	1000	-16.7	20.0
Octadecane	Ave	0.1421	0.1514		1060	1000	6.5	
Phenanthrene	Ave	1.167	1.189		1020	1000	1.9	
Anthracene	Ave	1.115	1.216		1090	1000	9.0	
Carbazole	Ave	0.9279	1.004		1080	1000	8.3	
Di-n-butyl phthalate	Ave	1.216	1.198		985	1000	-1.5	
Fluoranthene	Ave	1.309	1.389		1060	1000	6.1	20.0
Benzidine	Qua1		0.5267		2210	2000	10.3	
Pyrene	Ave	1.441	1.526		1060	1000	5.9	
Butyl benzyl phthalate	Ave	0.3518	0.3735		1060	1000	6.2	
3,3'-Dichlorobenzidine	Ave	0.3180	0.4144		2610	2000	30.3	
Benzo[a]anthracene	Ave	1.081	1.117		1030	1000	3.3	
Bis(2-ethylhexyl) phthalate	Ave	0.5521	0.5539		1000	1000	0.3	
Chrysene	Ave	1.089	1.112		1020	1000	2.0	
Di-n-octyl phthalate	Lin1		0.8654		1000	1000	0.3	20.0
Benzo[b]fluoranthene	Ave	1.127	1.147		1020	1000	1.8	
Benzo[k]fluoranthene	Ave	1.189	1.256		1060	1000	5.6	
Benzofluoranthene	Ave	1.118	1.191		2130	2000	6.5	
Benzo[a]pyrene	Ave	0.9924	1.077		1090	1000	8.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.137	1.154		1010	1000	1.5	
Dibenz(a,h)anthracene	Ave	0.9379	1.005		1070	1000	7.2	
Benzo[g,h,i]perylene	Ave	0.9841	0.9532		969	1000	-3.1	
2-Fluorophenol	Ave	1.057	1.067		1000	992	1.0	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82189/2 Calibration Date: 03/14/2011 07:41

Instrument ID: TAC040 Calib Start Date: 03/09/2011 11:40

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/09/2011 14:20

Lab File ID: ak024460.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenol-d5	Ave	1.221	1.366		1090	978	11.9	
Nitrobenzene-d5	Ave	0.2563	0.2701		1040	984	5.4	
2-Fluorobiphenyl	Ave	1.407	1.455		1020	986	3.5	
2,4,6-Tribromophenol	Ave	0.2508	0.2598		1020	985	3.6	
Terphenyl-d14	Ave	1.336	1.416		1030	970	6.0	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-80068/11 Calibration Date: 02/01/2011 17:14

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT003878.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3371	0.2854		4210	4970	-15.4	25.0
Pyridine	Ave	0.6156	0.5929		4880	5070	-3.7	25.0
Cyclohexanone	Ave	0.6895	0.6113		886	1000	-11.3	25.0
Phenol	Ave	1.311	1.108		836	990	-15.5	25.0
Aniline	Ave	1.351	1.246		925	1000	-7.7	25.0
Bis(2-chloroethyl)ether	Ave	1.269	1.154		909	1000	-9.1	25.0
2-Chlorophenol	Ave	1.366	1.205		866	981	-11.8	25.0
n-Decane	Ave	1.022	0.9812		956	996	-4.0	25.0
1,3-Dichlorobenzene	Ave	1.559	1.424		920	1010	-8.6	25.0
1,4-Dichlorobenzene	Ave	1.692	1.584		935	999	-6.4	25.0
Benzyl alcohol	Ave	0.6814	0.7016		1030	1000	3.0	25.0
1,2-Dichlorobenzene	Ave	1.564	1.433		917	1000	-8.4	25.0
2-Methylphenol	Ave	1.074	1.107		1030	1000	3.0	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.138	1.255		1100	999	10.2	25.0
3 & 4 Methylphenol	Ave	1.145	1.164		1020	1010	1.6	25.0
Acetophenone	Ave	1.536	1.512		988	1000	-1.5	25.0
N-Nitrosodi-n-propylamine	Ave	0.7095	0.6352	0.0500	891	995	-10.5	25.0
Hexachloroethane	Ave	0.5476	0.5127		936	1000	-6.4	25.0
Nitrobenzene	Ave	0.2734	0.2815		1030	1000	3.0	25.0
Isophorone	Ave	0.5145	0.5330		1040	1000	3.6	25.0
2-Nitrophenol	Ave	0.1845	0.2136		1140	987	15.7	25.0
2,4-Dimethylphenol	Ave	0.2808	0.2767		971	986	-1.5	25.0
Benzoic acid	Qua1		0.1118		4410	4980	-11.5	25.0
Bis(2-chloroethoxy)methane	Ave	0.3518	0.3917		1110	1000	11.3	25.0
2,4-Dichlorophenol	Ave	0.2976	0.3073		1020	989	3.3	25.0
1,2,4-Trichlorobenzene	Ave	0.3855	0.3807		988	1000	-1.2	25.0
Naphthalene	Ave	1.046	0.9733		930	1000	-7.0	25.0
4-Chloroaniline	Ave	0.3771	0.3886		1030	1000	3.0	25.0
Hexachlorobutadiene	Ave	0.2255	0.2249		1000	1010	-0.3	25.0
4-Chloro-3-methylphenol	Ave	0.2341	0.2332		980	984	-0.4	25.0
2-Methylnaphthalene	Ave	0.7247	0.7193		998	1000	-0.7	25.0
1-Methylnaphthalene	Ave	0.7137	0.6866		967	1000	-3.8	25.0
Hexachlorocyclopentadiene	Lin1		0.3229	0.0500	880	1000	-12.5	25.0
2,4,6-Trichlorophenol	Ave	0.3586	0.3740		1020	982	4.3	25.0
2,3-Dichloroaniline	Ave	0.6303	0.6072		973	1010	-3.7	25.0
2,4,5-Trichlorophenol	Ave	0.3871	0.4044		1040	992	4.5	25.0
Biphenyl	Ave	1.440	1.398		980	1010	-2.9	25.0
2-Chloronaphthalene	Ave	1.139	1.100		967	1000	-3.4	25.0
2-Nitroaniline	Ave	0.1739	0.1809		1040	998	4.0	25.0
Dimethyl phthalate	Ave	1.268	1.154		912	1000	-9.0	25.0
2,6-Dinitrotoluene	Ave	0.2964	0.3136		1060	1000	5.8	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-80068/11 Calibration Date: 02/01/2011 17:14

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT003878.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.691	1.648		976	1000	-2.5	25.0
3-Nitroaniline	Lin1		0.2766		1110	1000	10.9	25.0
Acenaphthene	Ave	1.176	1.047		890	1000	-11.0	25.0
2,4-Dinitrophenol	Qua1		0.1076	0.0500	4820	4990	-3.5	25.0
4-Nitrophenol	Lin1		0.0664	0.0500	4990	5040	-0.9	25.0
2,4-Dinitrotoluene	Ave	0.3366	0.3819		1130	1000	13.5	25.0
Dibenzofuran	Ave	1.604	1.538		945	986	-4.1	25.0
2,3,5,6-Tetrachlorophenol	Lin1		0.3118		889	1010	-12.3	25.0
2,3,4,6-Tetrachlorophenol	Lin1		0.3723		991	988	0.3	25.0
Diethyl phthalate	Ave	1.240	1.070		863	1000	-13.7	25.0
4-Chlorophenyl phenyl ether	Ave	0.7119	0.7546		1060	1000	6.0	25.0
Fluorene	Ave	1.325	1.201		914	1010	-9.4	25.0
4-Nitroaniline	Lin2		0.2526		1170	1000	17.2	25.0
4,6-Dinitro-2-methylphenol	Lin1		0.1257		4890	5010	-2.5	25.0
N-Nitrosodiphenylamine	Ave	0.7198	0.7119		987	998	-1.1	25.0
Azobenzene	Ave	0.5613	0.5263		925	986	-6.2	25.0
4-Bromophenyl phenyl ether	Ave	0.3060	0.3290		1080	1000	7.5	25.0
Hexachlorobenzene	Ave	0.3978	0.3649		916	999	-8.3	25.0
Pentachlorophenol	Lin1		0.1519		915	982	-6.8	20.0
Octadecane	Ave	0.2025	0.1839		907	1000	-9.2	25.0
Phenanthrene	Ave	1.161	1.118		963	1000	-3.7	25.0
Anthracene	Ave	1.160	1.092		942	1000	-5.9	25.0
Carbazole	Ave	0.8917	0.9406		1050	1000	5.5	25.0
Di-n-butyl phthalate	Ave	1.302	1.193		917	1000	-8.3	25.0
Fluoranthene	Ave	1.178	1.131		962	1000	-4.0	25.0
Benzidine	Qua2		0.3251		2020	2000	0.9	25.0
Pyrene	Ave	1.259	1.226		977	1000	-2.6	25.0
Butyl benzyl phthalate	Ave	0.6241	0.5021		809	1000	-19.5	25.0
3,3'-Dichlorobenzidine	Ave	0.3342	0.3518		2120	2020	5.3	25.0
Benzo[a]anthracene	Ave	1.171	0.996		850	1000	-15.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.9126	0.7628		842	1010	-16.4	25.0
Chrysene	Ave	1.131	1.058		940	1000	-6.4	25.0
Di-n-octyl phthalate	Ave	1.458	1.191		818	1000	-18.3	25.0
Benzo[b]fluoranthene	Ave	1.082	1.055		975	1000	-2.5	25.0
Benzo[k]fluoranthene	Ave	1.226	1.082		883	1000	-11.7	25.0
Benzofluoranthene	Ave	1.147	1.058		1840	2000	-7.8	25.0
Benzo[a]pyrene	Ave	1.068	1.028		962	1000	-3.8	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.129	1.079		958	1000	-4.4	25.0
Dibenz(a,h)anthracene	Ave	0.8970	0.8914		997	1000	-0.6	25.0
Benzo[g,h,i]perylene	Ave	1.013	0.9537		944	1000	-5.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81637/12 Calibration Date: 03/04/2011 14:37

Instrument ID: TAC050 Calib Start Date: 03/04/2011 10:37

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/04/2011 12:56

Lab File ID: FT003996.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.066	1.073		1010	1000	0.7	25.0
2-Methylnaphthalene	Ave	0.5669	0.6649		1180	1000	17.3	25.0
1-Methylnaphthalene	Ave	0.6629	0.6698		1020	1000	1.0	25.0
Acenaphthylene	Ave	1.698	1.842		1090	1000	8.5	25.0
Acenaphthene	Ave	1.256	1.220		972	1000	-2.8	25.0
Fluorene	Ave	1.318	1.319		1010	1010	0.0	25.0
Pentachlorophenol	Lin1		0.2196		1110	982	12.9	20.0
Phenanthrene	Ave	1.096	1.184		1080	1000	8.0	25.0
Anthracene	Ave	1.277	1.291		1010	1000	1.1	25.0
Fluoranthene	Ave	1.160	1.275		1100	1000	10.0	25.0
Pyrene	Ave	1.273	1.371		1080	1000	7.6	25.0
Benzo[a]anthracene	Ave	0.9700	1.062		1090	1000	9.4	25.0
Chrysene	Ave	1.302	1.248		963	1000	-4.1	25.0
Benzo[b]fluoranthene	Ave	1.162	1.252		1080	1000	7.8	25.0
Benzo[k]fluoranthene	Ave	1.689	1.692		1000	1000	0.2	25.0
Benzo[a]pyrene	Ave	1.171	1.260		1080	1000	7.6	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.078	1.104		1030	1000	2.4	25.0
Dibenz(a,h)anthracene	Ave	0.8670	0.9050		1050	1000	4.4	25.0
Benzo[g,h,i]perylene	Ave	1.007	0.9870		983	1000	-2.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82194/2 Calibration Date: 03/14/2011 08:56

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004074.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3371	0.3886		5760	5000	15.3	
Pyridine	Ave	0.6156	0.6206		5040	5000	0.8	
Cyclohexanone	Ave	0.6895	0.8067		1170	1000	17.0	
Phenol	Ave	1.311	1.417		1080	1000	8.1	20.0
Aniline	Ave	1.351	1.495		1110	1000	10.7	
Bis(2-chloroethyl)ether	Ave	1.269	1.517		1200	1000	19.6	
2-Chlorophenol	Ave	1.366	1.478		1080	1000	8.2	
n-Decane	Ave	1.022	1.276		1250	1000	24.8	
1,3-Dichlorobenzene	Ave	1.559	1.579		1010	1000	1.3	
1,4-Dichlorobenzene	Ave	1.692	1.846		1090	1000	9.1	20.0
Benzyl alcohol	Ave	0.6814	0.7659		1120	1000	12.4	
1,2-Dichlorobenzene	Ave	1.564	1.608		1030	1000	2.8	
2-Methylphenol	Ave	1.074	1.307		1220	1000	21.7	
2,2'-oxybis[1-chloropropane]	Ave	1.138	1.548		1360	1000	36.0	
3 & 4 Methylphenol	Ave	1.145	1.276		1110	1000	11.4	
N-Nitrosodi-n-propylamine	Ave	0.7095	0.8390	0.0500	1180	1000	18.3	
Acetophenone	Ave	1.536	1.765		1150	1000	14.9	
Hexachloroethane	Ave	0.5476	0.6029		1100	1000	10.1	
Nitrobenzene	Ave	0.2734	0.3450		1260	1000	26.2	
Isophorone	Ave	0.5145	0.5881		1140	1000	14.3	
2-Nitrophenol	Ave	0.1845	0.2194		1190	1000	18.9	20.0
2,4-Dimethylphenol	Ave	0.2808	0.3212		1140	1000	14.4	
Benzoic acid	Qua1		0.1545		5860	5000	17.2	
Bis(2-chloroethoxy)methane	Ave	0.3518	0.4000		1140	1000	13.7	
2,4-Dichlorophenol	Ave	0.2976	0.3094		1040	1000	3.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3855	0.3932		1020	1000	2.0	
Naphthalene	Ave	1.046	1.067		1020	1000	2.0	
4-Chloroaniline	Ave	0.3771	0.3736		991	1000	-0.9	
Hexachlorobutadiene	Ave	0.2255	0.2349		1040	1000	4.1	20.0
4-Chloro-3-methylphenol	Ave	0.2341	0.2636		1130	1000	12.6	20.0
2-Methylnaphthalene	Ave	0.7247	0.7238		999	1000	-0.1	
1-Methylnaphthalene	Ave	0.7137	0.6886		965	1000	-3.5	
Hexachlorocyclopentadiene	Lin1		0.3380	0.0500	916	1000	-8.4	
2,3-Dichloroaniline	Ave	0.6303	0.6532		1040	1000	3.6	
2,4,6-Trichlorophenol	Ave	0.3586	0.3913		1090	1000	9.1	
2,4,5-Trichlorophenol	Ave	0.3871	0.4361		1130	1000	12.7	
Biphenyl	Ave	1.440	1.508		1050	1000	4.7	
2-Chloronaphthalene	Ave	1.139	1.197		1050	1000	5.0	
2-Nitroaniline	Ave	0.1739	0.2559		1470	1000	47.1	
Dimethyl phthalate	Ave	1.268	1.335		1050	1000	5.3	
2,6-Dinitrotoluene	Ave	0.2964	0.3318		1120	1000	12.0	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82194/2 Calibration Date: 03/14/2011 08:56

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004074.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.691	1.793		1060	1000	6.0	
3-Nitroaniline	Lin1		0.2743		1100	1000	10.0	
Acenaphthene	Ave	1.176	1.259		1070	1000	7.1	20.0
2,4-Dinitrophenol	Qua1		0.1239	0.0500	5460	5000	9.3	
4-Nitrophenol	Lin1		0.0850	0.0500	6330	5000	26.5	
2,4-Dinitrotoluene	Ave	0.3366	0.3952		1170	1000	17.4	
Dibenzofuran	Ave	1.604	1.690		1050	1000	5.4	
2,3,5,6-Tetrachlorophenol	Lin1		0.3587		1010	1000	0.6	
2,3,4,6-Tetrachlorophenol	Lin1		0.4096		1100	1000	10.2	
Diethyl phthalate	Ave	1.240	1.350		1090	1000	8.8	
4-Chlorophenyl phenyl ether	Ave	0.7119	0.7242		1020	1000	1.7	
Fluorene	Ave	1.325	1.407		1060	1000	6.1	
4-Nitroaniline	Lin2		0.2128		989	1000	-1.1	
4,6-Dinitro-2-methylphenol	Lin1		0.1268		4920	5000	-1.6	
N-Nitrosodiphenylamine	Ave	0.7198	0.7431		1030	1000	3.2	
Azobenzene	Ave	0.5613	0.6927		1230	1000	23.4	
4-Bromophenyl phenyl ether	Ave	0.3060	0.3002		981	1000	-1.9	
Hexachlorobenzene	Ave	0.3978	0.3726		937	1000	-6.3	
Pentachlorophenol	Lin1		0.1594		973	1000	-2.7	20.0
Octadecane	Ave	0.2025	0.2605		1290	1000	28.6	
Phenanthrene	Ave	1.161	1.176		1010	1000	1.3	
Anthracene	Ave	1.160	1.210		1040	1000	4.4	
Carbazole	Ave	0.8917	0.9569		1070	1000	7.3	
Di-n-butyl phthalate	Ave	1.302	1.311		1010	1000	0.7	
Fluoranthene	Ave	1.178	1.243		1050	1000	5.4	20.0
Benzidine	Qua2		0.1799		1050	2000	-47.7	
Pyrene	Ave	1.259	1.316		1050	1000	4.6	
Butyl benzyl phthalate	Ave	0.6241	0.5780		926	1000	-7.4	
3,3'-Dichlorobenzidine	Ave	0.3342	0.3265		1950	2000	-2.3	
Benzo[a]anthracene	Ave	1.171	1.082		924	1000	-7.6	
Bis(2-ethylhexyl) phthalate	Ave	0.9126	0.8680		951	1000	-4.9	
Chrysene	Ave	1.131	1.165		1030	1000	3.0	
Di-n-octyl phthalate	Ave	1.458	1.507		1030	1000	3.4	20.0
Benzo[b]fluoranthene	Ave	1.082	1.128		1040	1000	4.2	
Benzo[k]fluoranthene	Ave	1.226	1.269		1040	1000	3.5	
Benzofluoranthene	Ave	1.147	1.189		2070	2000	3.6	
Benzo[a]pyrene	Ave	1.068	1.086		1020	1000	1.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.129	1.018		901	1000	-9.9	
Dibenz(a,h)anthracene	Ave	0.8970	0.8262		921	1000	-7.9	
Benzo[g,h,i]perylene	Ave	1.013	0.8480		837	1000	-16.3	
2-Fluorophenol	Ave	1.052	1.238		1170	992	17.6	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVIS 580-82194/2 Calibration Date: 03/14/2011 08:56

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004074.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenol-d5	Ave	1.381	1.544		1090	978	11.8	
Nitrobenzene-d5	Ave	0.2836	0.3273		1140	984	15.4	
2-Fluorobiphenyl	Ave	1.364	1.423		1030	986	4.3	
2,4,6-Tribromophenol	Ave	0.1891	0.2012		1050	985	6.4	
Terphenyl-d14	Ave	0.9798	1.077		1070	970	9.9	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82163/1-A

Matrix: Solid | Lab File ID: FT004075.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 09:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		100	15
111-44-4	Bis(2-chloroethyl)ether	ND		100	15
95-57-8	2-Chlorophenol	ND		100	15
541-73-1	1,3-Dichlorobenzene	ND		50	15
106-46-7	1,4-Dichlorobenzene	ND		50	15
100-51-6	Benzyl alcohol	ND		100	15
95-50-1	1,2-Dichlorobenzene	ND		50	15
95-48-7	2-Methylphenol	ND		100	15
15831-10-4	3 & 4 Methylphenol	ND		200	15
621-64-7	N-Nitrosodi-n-propylamine	ND		100	15
67-72-1	Hexachloroethane	ND		100	15
98-95-3	Nitrobenzene	ND		100	34
78-59-1	Isophorone	ND		100	5.0
88-75-5	2-Nitrophenol	ND		100	15
105-67-9	2,4-Dimethylphenol	ND		100	15
65-85-0	Benzoic acid	ND		2500	750
111-91-1	Bis(2-chloroethoxy)methane	ND		100	5.0
120-83-2	2,4-Dichlorophenol	ND		100	15
120-82-1	1,2,4-Trichlorobenzene	ND		50	15
91-20-3	Naphthalene	ND		20	5.0
106-47-8	4-Chloroaniline	ND		100	15
87-68-3	Hexachlorobutadiene	ND		50	15
59-50-7	4-Chloro-3-methylphenol	ND		100	15
91-57-6	2-Methylnaphthalene	ND		20	5.0
77-47-4	Hexachlorocyclopentadiene	ND		100	5.0
88-06-2	2,4,6-Trichlorophenol	ND		150	15
95-95-4	2,4,5-Trichlorophenol	ND		100	15
91-58-7	2-Chloronaphthalene	ND		20	5.0
88-74-4	2-Nitroaniline	ND		100	15
131-11-3	Dimethyl phthalate	ND		100	5.0
208-96-8	Acenaphthylene	ND		20	5.0
606-20-2	2,6-Dinitrotoluene	ND		100	15
99-09-2	3-Nitroaniline	ND		100	15
83-32-9	Acenaphthene	ND		20	5.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82163/1-A

Matrix: Solid | Lab File ID: FT004075.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 09:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1000	200
100-02-7	4-Nitrophenol	ND		1000	250
132-64-9	Dibenzofuran	ND		100	5.0
121-14-2	2,4-Dinitrotoluene	ND		100	15
84-66-2	Diethyl phthalate	41.2	J	100	15
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	15
86-73-7	Fluorene	ND		20	5.0
100-01-6	4-Nitroaniline	ND		100	15
534-52-1	4,6-Dinitro-2-methylphenol	ND		1000	100
86-30-6	N-Nitrosodiphenylamine	ND		50	5.0
101-55-3	4-Bromophenyl phenyl ether	ND		100	15
118-74-1	Hexachlorobenzene	ND		50	5.0
87-86-5	Pentachlorophenol	ND		200	15
85-01-8	Phenanthrene	ND		20	5.0
120-12-7	Anthracene	ND		20	5.0
84-74-2	Di-n-butyl phthalate	ND		200	50
206-44-0	Fluoranthene	ND		20	5.0
129-00-0	Pyrene	ND		20	5.0
85-68-7	Butyl benzyl phthalate	ND		100	50
91-94-1	3,3'-Dichlorobenzidine	ND		200	30
56-55-3	Benzo[a]anthracene	ND		25	5.0
218-01-9	Chrysene	ND		25	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1500	50
117-84-0	Di-n-octyl phthalate	ND		200	5.0
50-32-8	Benzo[a]pyrene	ND		30	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND		40	5.0
53-70-3	Dibenz(a,h)anthracene	ND		40	5.0
191-24-2	Benzo[g,h,i]perylene	ND		25	5.0
86-74-8	Carbazole	ND		150	5.0
90-12-0	1-Methylnaphthalene	ND		30	5.0
205-99-2	Benzo[b]fluoranthene	ND		20	5.0
207-08-9	Benzo[k]fluoranthene	ND		25	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	ND		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82163/1-A

Matrix: Solid | Lab File ID: FT004075.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 09:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		36-145
4165-62-2	Phenol-d5	81		38-149
4165-60-0	Nitrobenzene-d5	92		38-141
321-60-8	2-Fluorobiphenyl	83		42-140
118-79-6	2,4,6-Tribromophenol	71		28-143
1718-51-0	Terphenyl-d14	74		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82166/1-A

Matrix: Solid | Lab File ID: ak024456.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 11:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		100	15
111-44-4	Bis(2-chloroethyl)ether	ND		100	15
95-57-8	2-Chlorophenol	ND		100	15
541-73-1	1,3-Dichlorobenzene	ND		50	15
106-46-7	1,4-Dichlorobenzene	ND		50	15
100-51-6	Benzyl alcohol	ND		100	15
95-50-1	1,2-Dichlorobenzene	ND		50	15
95-48-7	2-Methylphenol	ND		100	15
15831-10-4	3 & 4 Methylphenol	ND		200	15
621-64-7	N-Nitrosodi-n-propylamine	ND		100	15
67-72-1	Hexachloroethane	ND		100	15
98-95-3	Nitrobenzene	ND		100	34
78-59-1	Isophorone	ND		100	5.0
88-75-5	2-Nitrophenol	ND		100	15
105-67-9	2,4-Dimethylphenol	ND		100	15
65-85-0	Benzoic acid	ND		2500	750
111-91-1	Bis(2-chloroethoxy)methane	ND		100	5.0
120-83-2	2,4-Dichlorophenol	ND		100	15
120-82-1	1,2,4-Trichlorobenzene	ND		50	15
91-20-3	Naphthalene	ND		20	5.0
106-47-8	4-Chloroaniline	ND		100	15
87-68-3	Hexachlorobutadiene	ND		50	15
59-50-7	4-Chloro-3-methylphenol	ND		100	15
91-57-6	2-Methylnaphthalene	ND		20	5.0
77-47-4	Hexachlorocyclopentadiene	ND		100	5.0
88-06-2	2,4,6-Trichlorophenol	ND		150	15
95-95-4	2,4,5-Trichlorophenol	ND		100	15
91-58-7	2-Chloronaphthalene	ND		20	5.0
88-74-4	2-Nitroaniline	ND		100	15
131-11-3	Dimethyl phthalate	ND		100	5.0
208-96-8	Acenaphthylene	ND		20	5.0
606-20-2	2,6-Dinitrotoluene	ND		100	15
99-09-2	3-Nitroaniline	ND		100	15
83-32-9	Acenaphthene	ND		20	5.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82166/1-A

Matrix: Solid | Lab File ID: ak024456.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 11:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		1000	200
100-02-7	4-Nitrophenol	ND		1000	250
132-64-9	Dibenzofuran	ND		100	5.0
121-14-2	2,4-Dinitrotoluene	ND		100	15
84-66-2	Diethyl phthalate	ND		100	15
7005-72-3	4-Chlorophenyl phenyl ether	ND		100	15
86-73-7	Fluorene	ND		20	5.0
100-01-6	4-Nitroaniline	ND		100	15
534-52-1	4,6-Dinitro-2-methylphenol	ND		1000	100
86-30-6	N-Nitrosodiphenylamine	ND		50	5.0
101-55-3	4-Bromophenyl phenyl ether	ND		100	15
118-74-1	Hexachlorobenzene	ND		50	5.0
87-86-5	Pentachlorophenol	ND		200	15
85-01-8	Phenanthrene	ND		20	5.0
120-12-7	Anthracene	ND		20	5.0
84-74-2	Di-n-butyl phthalate	ND		200	50
206-44-0	Fluoranthene	ND		20	5.0
129-00-0	Pyrene	ND		20	5.0
85-68-7	Butyl benzyl phthalate	ND		100	50
91-94-1	3,3'-Dichlorobenzidine	ND		200	30
56-55-3	Benzo[a]anthracene	ND		25	5.0
218-01-9	Chrysene	ND		25	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1500	50
117-84-0	Di-n-octyl phthalate	ND		200	5.0
50-32-8	Benzo[a]pyrene	ND		30	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	ND		40	5.0
53-70-3	Dibenz(a,h)anthracene	ND		40	5.0
191-24-2	Benzo[g,h,i]perylene	ND		25	5.0
86-74-8	Carbazole	ND		150	5.0
90-12-0	1-Methylnaphthalene	ND		30	5.0
205-99-2	Benzo[b]fluoranthene	ND		20	5.0
207-08-9	Benzo[k]fluoranthene	ND		25	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	ND		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82166/1-A

Matrix: Solid | Lab File ID: ak024456.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 11:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	90		36-145
4165-62-2	Phenol-d5	89		38-149
4165-60-0	Nitrobenzene-d5	87		38-141
321-60-8	2-Fluorobiphenyl	86		42-140
118-79-6	2,4,6-Tribromophenol	68		28-143
1718-51-0	Terphenyl-d14	72		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82163/2-A

Matrix: Solid | Lab File ID: FT004076.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 09:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	979		100	15
111-44-4	Bis(2-chloroethyl)ether	756		100	15
95-57-8	2-Chlorophenol	876		100	15
541-73-1	1,3-Dichlorobenzene	791		50	15
106-46-7	1,4-Dichlorobenzene	884		50	15
100-51-6	Benzyl alcohol	806		100	15
95-50-1	1,2-Dichlorobenzene	847		50	15
95-48-7	2-Methylphenol	985		100	15
15831-10-4	3 & 4 Methylphenol	939		200	15
621-64-7	N-Nitrosodi-n-propylamine	954		100	15
67-72-1	Hexachloroethane	894		100	15
98-95-3	Nitrobenzene	1200		100	34
78-59-1	Isophorone	1160		100	5.0
88-75-5	2-Nitrophenol	958		100	15
105-67-9	2,4-Dimethylphenol	956		100	15
65-85-0	Benzoic acid	3740		2500	750
111-91-1	Bis(2-chloroethoxy)methane	893		100	5.0
120-83-2	2,4-Dichlorophenol	875		100	15
120-82-1	1,2,4-Trichlorobenzene	828		50	15
91-20-3	Naphthalene	865		20	5.0
106-47-8	4-Chloroaniline	572		100	15
87-68-3	Hexachlorobutadiene	885		50	15
59-50-7	4-Chloro-3-methylphenol	941		100	15
91-57-6	2-Methylnaphthalene	892		20	5.0
77-47-4	Hexachlorocyclopentadiene	762		100	5.0
88-06-2	2,4,6-Trichlorophenol	940		150	15
95-95-4	2,4,5-Trichlorophenol	1020		100	15
91-58-7	2-Chloronaphthalene	864		20	5.0
88-74-4	2-Nitroaniline	1210		100	15
131-11-3	Dimethyl phthalate	892		100	5.0
208-96-8	Acenaphthylene	940		20	5.0
606-20-2	2,6-Dinitrotoluene	1140		100	15
99-09-2	3-Nitroaniline	846		100	15
83-32-9	Acenaphthene	849		20	5.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82163/2-A

Matrix: Solid | Lab File ID: FT004076.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 09:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	4010		1000	200
100-02-7	4-Nitrophenol	5060		1000	250
132-64-9	Dibenzofuran	882		100	5.0
121-14-2	2,4-Dinitrotoluene	1270		100	15
84-66-2	Diethyl phthalate	869		100	15
7005-72-3	4-Chlorophenyl phenyl ether	836		100	15
86-73-7	Fluorene	864		20	5.0
100-01-6	4-Nitroaniline	900		100	15
534-52-1	4,6-Dinitro-2-methylphenol	3970		1000	100
86-30-6	N-Nitrosodiphenylamine	869		50	5.0
101-55-3	4-Bromophenyl phenyl ether	827		100	15
118-74-1	Hexachlorobenzene	792		50	5.0
87-86-5	Pentachlorophenol	771		200	15
85-01-8	Phenanthrene	845		20	5.0
120-12-7	Anthracene	855		20	5.0
84-74-2	Di-n-butyl phthalate	843		200	50
206-44-0	Fluoranthene	873		20	5.0
129-00-0	Pyrene	859		20	5.0
85-68-7	Butyl benzyl phthalate	756		100	50
91-94-1	3,3'-Dichlorobenzidine	1190		200	30
56-55-3	Benzo[a]anthracene	742		25	5.0
218-01-9	Chrysene	799		25	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	777	J	1500	50
117-84-0	Di-n-octyl phthalate	853		200	5.0
50-32-8	Benzo[a]pyrene	782		30	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	643		40	5.0
53-70-3	Dibenz(a,h)anthracene	662		40	5.0
191-24-2	Benzo[g,h,i]perylene	644		25	5.0
86-74-8	Carbazole	931		150	5.0
90-12-0	1-Methylnaphthalene	866		30	5.0
205-99-2	Benzo[b]fluoranthene	807		20	5.0
207-08-9	Benzo[k]fluoranthene	813		25	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	995		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82163/2-A

Matrix: Solid | Lab File ID: FT004076.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 09:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	88		36-145
4165-62-2	Phenol-d5	81		38-149
4165-60-0	Nitrobenzene-d5	95		38-141
321-60-8	2-Fluorobiphenyl	79		42-140
118-79-6	2,4,6-Tribromophenol	80		28-143
1718-51-0	Terphenyl-d14	71		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82166/2-A

Matrix: Solid | Lab File ID: ak024457.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 12:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	901		100	15
111-44-4	Bis(2-chloroethyl)ether	672		100	15
95-57-8	2-Chlorophenol	871		100	15
541-73-1	1,3-Dichlorobenzene	897		50	15
106-46-7	1,4-Dichlorobenzene	896		50	15
100-51-6	Benzyl alcohol	659		100	15
95-50-1	1,2-Dichlorobenzene	898		50	15
95-48-7	2-Methylphenol	916		100	15
15831-10-4	3 & 4 Methylphenol	969		200	15
621-64-7	N-Nitrosodi-n-propylamine	961		100	15
67-72-1	Hexachloroethane	896		100	15
98-95-3	Nitrobenzene	1150		100	34
78-59-1	Isophorone	1130		100	5.0
88-75-5	2-Nitrophenol	852		100	15
105-67-9	2,4-Dimethylphenol	865		100	15
65-85-0	Benzoic acid	2620		2500	750
111-91-1	Bis(2-chloroethoxy)methane	874		100	5.0
120-83-2	2,4-Dichlorophenol	863		100	15
120-82-1	1,2,4-Trichlorobenzene	870		50	15
91-20-3	Naphthalene	901		20	5.0
106-47-8	4-Chloroaniline	608		100	15
87-68-3	Hexachlorobutadiene	885		50	15
59-50-7	4-Chloro-3-methylphenol	891		100	15
91-57-6	2-Methylnaphthalene	953		20	5.0
77-47-4	Hexachlorocyclopentadiene	748		100	5.0
88-06-2	2,4,6-Trichlorophenol	855		150	15
95-95-4	2,4,5-Trichlorophenol	960		100	15
91-58-7	2-Chloronaphthalene	884		20	5.0
88-74-4	2-Nitroaniline	938		100	15
131-11-3	Dimethyl phthalate	933		100	5.0
208-96-8	Acenaphthylene	953		20	5.0
606-20-2	2,6-Dinitrotoluene	1080		100	15
99-09-2	3-Nitroaniline	835		100	15
83-32-9	Acenaphthene	857		20	5.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82166/2-A

Matrix: Solid | Lab File ID: ak024457.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 12:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	3100		1000	200
100-02-7	4-Nitrophenol	4140		1000	250
132-64-9	Dibenzofuran	882		100	5.0
121-14-2	2,4-Dinitrotoluene	1110		100	15
84-66-2	Diethyl phthalate	869		100	15
7005-72-3	4-Chlorophenyl phenyl ether	842		100	15
86-73-7	Fluorene	877		20	5.0
100-01-6	4-Nitroaniline	917		100	15
534-52-1	4,6-Dinitro-2-methylphenol	3200		1000	100
86-30-6	N-Nitrosodiphenylamine	937		50	5.0
101-55-3	4-Bromophenyl phenyl ether	820		100	15
118-74-1	Hexachlorobenzene	827		50	5.0
87-86-5	Pentachlorophenol	734		200	15
85-01-8	Phenanthrene	827		20	5.0
120-12-7	Anthracene	886		20	5.0
84-74-2	Di-n-butyl phthalate	833		200	50
206-44-0	Fluoranthene	884		20	5.0
129-00-0	Pyrene	841		20	5.0
85-68-7	Butyl benzyl phthalate	922		100	50
91-94-1	3,3'-Dichlorobenzidine	1470		200	30
56-55-3	Benzo[a]anthracene	820		25	5.0
218-01-9	Chrysene	805		25	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	870	J	1500	50
117-84-0	Di-n-octyl phthalate	920		200	5.0
50-32-8	Benzo[a]pyrene	881		30	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	765		40	5.0
53-70-3	Dibenz(a,h)anthracene	782		40	5.0
191-24-2	Benzo[g,h,i]perylene	688		25	5.0
86-74-8	Carbazole	925		150	5.0
90-12-0	1-Methylnaphthalene	892		30	5.0
205-99-2	Benzo[b]fluoranthene	862		20	5.0
207-08-9	Benzo[k]fluoranthene	874		25	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	901		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82166/2-A

Matrix: Solid | Lab File ID: ak024457.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 12:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	85		36-145
4165-62-2	Phenol-d5	86		38-149
4165-60-0	Nitrobenzene-d5	84		38-141
321-60-8	2-Fluorobiphenyl	81		42-140
118-79-6	2,4,6-Tribromophenol	79		28-143
1718-51-0	Terphenyl-d14	69		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-82163/3-A

Matrix: Solid | Lab File ID: FT004077.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 10:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	874		100	15
111-44-4	Bis(2-chloroethyl)ether	916		100	15
95-57-8	2-Chlorophenol	889		100	15
541-73-1	1,3-Dichlorobenzene	899		50	15
106-46-7	1,4-Dichlorobenzene	907		50	15
100-51-6	Benzyl alcohol	927		100	15
95-50-1	1,2-Dichlorobenzene	894		50	15
95-48-7	2-Methylphenol	1130		100	15
15831-10-4	3 & 4 Methylphenol	1050		200	15
621-64-7	N-Nitrosodi-n-propylamine	1070		100	15
67-72-1	Hexachloroethane	902		100	15
98-95-3	Nitrobenzene	1300		100	34
78-59-1	Isophorone	1210		100	5.0
88-75-5	2-Nitrophenol	1010		100	15
105-67-9	2,4-Dimethylphenol	992		100	15
65-85-0	Benzoic acid	3970		2500	750
111-91-1	Bis(2-chloroethoxy)methane	964		100	5.0
120-83-2	2,4-Dichlorophenol	918		100	15
120-82-1	1,2,4-Trichlorobenzene	900		50	15
91-20-3	Naphthalene	907		20	5.0
106-47-8	4-Chloroaniline	626		100	15
87-68-3	Hexachlorobutadiene	915		50	15
59-50-7	4-Chloro-3-methylphenol	1040		100	15
91-57-6	2-Methylnaphthalene	900		20	5.0
77-47-4	Hexachlorocyclopentadiene	706		100	5.0
88-06-2	2,4,6-Trichlorophenol	939		150	15
95-95-4	2,4,5-Trichlorophenol	996		100	15
91-58-7	2-Chloronaphthalene	910		20	5.0
88-74-4	2-Nitroaniline	1210		100	15
131-11-3	Dimethyl phthalate	907		100	5.0
208-96-8	Acenaphthylene	971		20	5.0
606-20-2	2,6-Dinitrotoluene	1150		100	15
99-09-2	3-Nitroaniline	897		100	15
83-32-9	Acenaphthene	887		20	5.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-82163/3-A

Matrix: Solid | Lab File ID: FT004077.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 10:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	4680		1000	200
100-02-7	4-Nitrophenol	5500		1000	250
132-64-9	Dibenzofuran	897		100	5.0
121-14-2	2,4-Dinitrotoluene	1230		100	15
84-66-2	Diethyl phthalate	900		100	15
7005-72-3	4-Chlorophenyl phenyl ether	885		100	15
86-73-7	Fluorene	895		20	5.0
100-01-6	4-Nitroaniline	986		100	15
534-52-1	4,6-Dinitro-2-methylphenol	4150		1000	100
86-30-6	N-Nitrosodiphenylamine	905		50	5.0
101-55-3	4-Bromophenyl phenyl ether	837		100	15
118-74-1	Hexachlorobenzene	824		50	5.0
87-86-5	Pentachlorophenol	795		200	15
85-01-8	Phenanthrene	877		20	5.0
120-12-7	Anthracene	897		20	5.0
84-74-2	Di-n-butyl phthalate	886		200	50
206-44-0	Fluoranthene	923		20	5.0
129-00-0	Pyrene	898		20	5.0
85-68-7	Butyl benzyl phthalate	758		100	50
91-94-1	3,3'-Dichlorobenzidine	1280		200	30
56-55-3	Benzo[a]anthracene	794		25	5.0
218-01-9	Chrysene	816		25	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	777	J	1500	50
117-84-0	Di-n-octyl phthalate	807		200	5.0
50-32-8	Benzo[a]pyrene	831		30	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	761		40	5.0
53-70-3	Dibenz(a,h)anthracene	764		40	5.0
191-24-2	Benzo[g,h,i]perylene	729		25	5.0
86-74-8	Carbazole	962		150	5.0
90-12-0	1-Methylnaphthalene	890		30	5.0
205-99-2	Benzo[b]fluoranthene	837		20	5.0
207-08-9	Benzo[k]fluoranthene	827		25	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	1180		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-82163/3-A

Matrix: Solid | Lab File ID: FT004077.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 10:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		36-145
4165-62-2	Phenol-d5	91		38-149
4165-60-0	Nitrobenzene-d5	100		38-141
321-60-8	2-Fluorobiphenyl	84		42-140
118-79-6	2,4,6-Tribromophenol	88		28-143
1718-51-0	Terphenyl-d14	79		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-82166/3-A

Matrix: Solid | Lab File ID: ak024458.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 12:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	976		100	15
111-44-4	Bis(2-chloroethyl)ether	806		100	15
95-57-8	2-Chlorophenol	966		100	15
541-73-1	1,3-Dichlorobenzene	957		50	15
106-46-7	1,4-Dichlorobenzene	1000		50	15
100-51-6	Benzyl alcohol	740		100	15
95-50-1	1,2-Dichlorobenzene	962		50	15
95-48-7	2-Methylphenol	1090		100	15
15831-10-4	3 & 4 Methylphenol	1160		200	15
621-64-7	N-Nitrosodi-n-propylamine	1020		100	15
67-72-1	Hexachloroethane	920		100	15
98-95-3	Nitrobenzene	1210		100	34
78-59-1	Isophorone	1200		100	5.0
88-75-5	2-Nitrophenol	883		100	15
105-67-9	2,4-Dimethylphenol	912		100	15
65-85-0	Benzoic acid	2650		2500	750
111-91-1	Bis(2-chloroethoxy)methane	910		100	5.0
120-83-2	2,4-Dichlorophenol	891		100	15
120-82-1	1,2,4-Trichlorobenzene	919		50	15
91-20-3	Naphthalene	955		20	5.0
106-47-8	4-Chloroaniline	615		100	15
87-68-3	Hexachlorobutadiene	915		50	15
59-50-7	4-Chloro-3-methylphenol	982		100	15
91-57-6	2-Methylnaphthalene	1010		20	5.0
77-47-4	Hexachlorocyclopentadiene	830		100	5.0
88-06-2	2,4,6-Trichlorophenol	933		150	15
95-95-4	2,4,5-Trichlorophenol	1020		100	15
91-58-7	2-Chloronaphthalene	983		20	5.0
88-74-4	2-Nitroaniline	1000		100	15
131-11-3	Dimethyl phthalate	1000		100	5.0
208-96-8	Acenaphthylene	1030		20	5.0
606-20-2	2,6-Dinitrotoluene	1180		100	15
99-09-2	3-Nitroaniline	861		100	15
83-32-9	Acenaphthene	914		20	5.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-82166/3-A

Matrix: Solid | Lab File ID: ak024458.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 12:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	3440		1000	200
100-02-7	4-Nitrophenol	4480		1000	250
132-64-9	Dibenzofuran	977		100	5.0
121-14-2	2,4-Dinitrotoluene	1200		100	15
84-66-2	Diethyl phthalate	934		100	15
7005-72-3	4-Chlorophenyl phenyl ether	906		100	15
86-73-7	Fluorene	975		20	5.0
100-01-6	4-Nitroaniline	1080		100	15
534-52-1	4,6-Dinitro-2-methylphenol	3610		1000	100
86-30-6	N-Nitrosodiphenylamine	1020		50	5.0
101-55-3	4-Bromophenyl phenyl ether	920		100	15
118-74-1	Hexachlorobenzene	881		50	5.0
87-86-5	Pentachlorophenol	881		200	15
85-01-8	Phenanthrene	921		20	5.0
120-12-7	Anthracene	961		20	5.0
84-74-2	Di-n-butyl phthalate	906		200	50
206-44-0	Fluoranthene	965		20	5.0
129-00-0	Pyrene	938		20	5.0
85-68-7	Butyl benzyl phthalate	952		100	50
91-94-1	3,3'-Dichlorobenzidine	1680		200	30
56-55-3	Benzo[a]anthracene	902		25	5.0
218-01-9	Chrysene	880		25	5.0
117-81-7	Bis(2-ethylhexyl) phthalate	905	J	1500	50
117-84-0	Di-n-octyl phthalate	883		200	5.0
50-32-8	Benzo[a]pyrene	918		30	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	890		40	5.0
53-70-3	Dibenz(a,h)anthracene	926		40	5.0
191-24-2	Benzo[g,h,i]perylene	848		25	5.0
86-74-8	Carbazole	1040		150	5.0
90-12-0	1-Methylnaphthalene	971		30	5.0
205-99-2	Benzo[b]fluoranthene	895		20	5.0
207-08-9	Benzo[k]fluoranthene	934		25	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	998		150	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-82166/3-A

Matrix: Solid | Lab File ID: ak024458.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 12:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82179 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		36-145
4165-62-2	Phenol-d5	95		38-149
4165-60-0	Nitrobenzene-d5	90		38-141
321-60-8	2-Fluorobiphenyl	91		42-140
118-79-6	2,4,6-Tribromophenol	91		28-143
1718-51-0	Terphenyl-d14	75		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) MS | Lab Sample ID: 580-24938-4 MS

Matrix: Solid | Lab File ID: FT004082.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4275(g) | Date Analyzed: 03/14/2011 11:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1390		140	21
111-44-4	Bis(2-chloroethyl)ether	1250		140	21
95-57-8	2-Chlorophenol	1120		140	21
541-73-1	1,3-Dichlorobenzene	1030		71	21
106-46-7	1,4-Dichlorobenzene	1080		71	21
100-51-6	Benzyl alcohol	1070		140	21
95-50-1	1,2-Dichlorobenzene	1070		71	21
95-48-7	2-Methylphenol	1440		140	21
15831-10-4	3 & 4 Methylphenol	1290		280	21
621-64-7	N-Nitrosodi-n-propylamine	1360		140	21
67-72-1	Hexachloroethane	1030		140	21
98-95-3	Nitrobenzene	1690		140	48
78-59-1	Isophorone	1470		140	7.1
88-75-5	2-Nitrophenol	1360		140	21
105-67-9	2,4-Dimethylphenol	1230		140	21
65-85-0	Benzoic acid	ND		3500	1100
111-91-1	Bis(2-chloroethoxy)methane	1240		140	7.1
120-83-2	2,4-Dichlorophenol	1220		140	21
120-82-1	1,2,4-Trichlorobenzene	915		71	21
91-20-3	Naphthalene	1000		28	7.1
106-47-8	4-Chloroaniline	1120		140	21
87-68-3	Hexachlorobutadiene	869		71	21
59-50-7	4-Chloro-3-methylphenol	1360		140	21
91-57-6	2-Methylnaphthalene	879		28	7.1
77-47-4	Hexachlorocyclopentadiene	621		140	7.1
88-06-2	2,4,6-Trichlorophenol	1290		210	21
95-95-4	2,4,5-Trichlorophenol	1410		140	21
91-58-7	2-Chloronaphthalene	919		28	7.1
88-74-4	2-Nitroaniline	1750		140	21
131-11-3	Dimethyl phthalate	1140		140	7.1
208-96-8	Acenaphthylene	1010		28	7.1
606-20-2	2,6-Dinitrotoluene	1510		140	21
99-09-2	3-Nitroaniline	1400		140	21
83-32-9	Acenaphthene	892		28	7.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) MS | Lab Sample ID: 580-24938-4 MS

Matrix: Solid | Lab File ID: FT004082.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4275(g) | Date Analyzed: 03/14/2011 11:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	999	J	1400	280
100-02-7	4-Nitrophenol	6720		1400	350
132-64-9	Dibenzofuran	885		140	7.1
121-14-2	2,4-Dinitrotoluene	1570		140	21
84-66-2	Diethyl phthalate	857		140	21
7005-72-3	4-Chlorophenyl phenyl ether	809		140	21
86-73-7	Fluorene	854		28	7.1
100-01-6	4-Nitroaniline	1440		140	21
534-52-1	4,6-Dinitro-2-methylphenol	2890		1400	140
86-30-6	N-Nitrosodiphenylamine	885		71	7.1
101-55-3	4-Bromophenyl phenyl ether	751		140	21
118-74-1	Hexachlorobenzene	628		71	7.1
87-86-5	Pentachlorophenol	885		280	21
85-01-8	Phenanthrene	810		28	7.1
120-12-7	Anthracene	807		28	7.1
84-74-2	Di-n-butyl phthalate	718		280	71
206-44-0	Fluoranthene	803		28	7.1
129-00-0	Pyrene	804		28	7.1
85-68-7	Butyl benzyl phthalate	693		140	71
91-94-1	3,3'-Dichlorobenzidine	1570		280	42
56-55-3	Benzo[a]anthracene	650		35	7.1
218-01-9	Chrysene	706		35	7.1
117-81-7	Bis(2-ethylhexyl) phthalate	729	J	2100	71
117-84-0	Di-n-octyl phthalate	800		280	7.1
50-32-8	Benzo[a]pyrene	650		42	7.1
193-39-5	Indeno[1,2,3-cd]pyrene	545		56	7.1
53-70-3	Dibenz(a,h)anthracene	595		56	7.1
191-24-2	Benzo[g,h,i]perylene	527		35	7.1
86-74-8	Carbazole	1080		210	7.1
90-12-0	1-Methylnaphthalene	892		42	7.1
205-99-2	Benzo[b]fluoranthene	674		28	7.1
207-08-9	Benzo[k]fluoranthene	642		35	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	1340		210	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) MS | Lab Sample ID: 580-24938-4 MS

Matrix: Solid | Lab File ID: FT004082.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.4275(g) | Date Analyzed: 03/14/2011 11:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		36-145
4165-62-2	Phenol-d5	86		38-149
4165-60-0	Nitrobenzene-d5	99		38-141
321-60-8	2-Fluorobiphenyl	76		42-140
118-79-6	2,4,6-Tribromophenol	88		28-143
1718-51-0	Terphenyl-d14	51		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) MS | Lab Sample ID: 580-24938-22 MS

Matrix: Solid | Lab File ID: ak024469.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4331(g) | Date Analyzed: 03/14/2011 10:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1440		120	18
111-44-4	Bis(2-chloroethyl)ether	1220		120	18
95-57-8	2-Chlorophenol	1360		120	18
541-73-1	1,3-Dichlorobenzene	1290		60	18
106-46-7	1,4-Dichlorobenzene	1320		60	18
100-51-6	Benzyl alcohol	789		120	18
95-50-1	1,2-Dichlorobenzene	1310		60	18
95-48-7	2-Methylphenol	1530		120	18
15831-10-4	3 & 4 Methylphenol	1450		240	18
621-64-7	N-Nitrosodi-n-propylamine	1480		120	18
67-72-1	Hexachloroethane	1220		120	18
98-95-3	Nitrobenzene	1680		120	41
78-59-1	Isophorone	1750		120	6.0
88-75-5	2-Nitrophenol	1270		120	18
105-67-9	2,4-Dimethylphenol	1270		120	18
65-85-0	Benzoic acid	ND		3000	900
111-91-1	Bis(2-chloroethoxy)methane	1300		120	6.0
120-83-2	2,4-Dichlorophenol	1280		120	18
120-82-1	1,2,4-Trichlorobenzene	1250		60	18
91-20-3	Naphthalene	1300		24	6.0
106-47-8	4-Chloroaniline	1290		120	18
87-68-3	Hexachlorobutadiene	1280		60	18
59-50-7	4-Chloro-3-methylphenol	1350		120	18
91-57-6	2-Methylnaphthalene	1380		24	6.0
77-47-4	Hexachlorocyclopentadiene	815		120	6.0
88-06-2	2,4,6-Trichlorophenol	1300		180	18
95-95-4	2,4,5-Trichlorophenol	1360		120	18
91-58-7	2-Chloronaphthalene	1260		24	6.0
88-74-4	2-Nitroaniline	1360		120	18
131-11-3	Dimethyl phthalate	1340		120	6.0
208-96-8	Acenaphthylene	1330		24	6.0
606-20-2	2,6-Dinitrotoluene	1560		120	18
99-09-2	3-Nitroaniline	1420		120	18
83-32-9	Acenaphthene	1190		24	6.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) MS | Lab Sample ID: 580-24938-22 MS

Matrix: Solid | Lab File ID: ak024469.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4331(g) | Date Analyzed: 03/14/2011 10:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1560		1200	240
100-02-7	4-Nitrophenol	6580		1200	300
132-64-9	Dibenzofuran	1230		120	6.0
121-14-2	2,4-Dinitrotoluene	1570		120	18
84-66-2	Diethyl phthalate	1310		120	18
7005-72-3	4-Chlorophenyl phenyl ether	1170		120	18
86-73-7	Fluorene	1230		24	6.0
100-01-6	4-Nitroaniline	1630		120	18
534-52-1	4,6-Dinitro-2-methylphenol	3060		1200	120
86-30-6	N-Nitrosodiphenylamine	1190		60	6.0
101-55-3	4-Bromophenyl phenyl ether	1070		120	18
118-74-1	Hexachlorobenzene	1030		60	6.0
87-86-5	Pentachlorophenol	1130		240	18
85-01-8	Phenanthrene	1110		24	6.0
120-12-7	Anthracene	1140		24	6.0
84-74-2	Di-n-butyl phthalate	1110		240	60
206-44-0	Fluoranthene	1150		24	6.0
129-00-0	Pyrene	1130		24	6.0
85-68-7	Butyl benzyl phthalate	1240		120	60
91-94-1	3,3'-Dichlorobenzidine	2690		240	36
56-55-3	Benzo[a]anthracene	1080		30	6.0
218-01-9	Chrysene	1040		30	6.0
117-81-7	Bis(2-ethylhexyl) phthalate	1190	J	1800	60
117-84-0	Di-n-octyl phthalate	1110		240	6.0
50-32-8	Benzo[a]pyrene	1120		36	6.0
193-39-5	Indeno[1,2,3-cd]pyrene	1050		48	6.0
53-70-3	Dibenz(a,h)anthracene	1100		48	6.0
191-24-2	Benzo[g,h,i]perylene	934		30	6.0
86-74-8	Carbazole	1350		180	6.0
90-12-0	1-Methylnaphthalene	1300		36	6.0
205-99-2	Benzo[b]fluoranthene	1060		24	6.0
207-08-9	Benzo[k]fluoranthene	1040		30	6.0
108-60-1	2,2'-oxybis[1-chloropropane]	1420		180	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) MS | Lab Sample ID: 580-24938-22 MS

Matrix: Solid | Lab File ID: ak024469.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.4331(g) | Date Analyzed: 03/14/2011 10:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	113		36-145
4165-62-2	Phenol-d5	114		38-149
4165-60-0	Nitrobenzene-d5	112		38-141
321-60-8	2-Fluorobiphenyl	103		42-140
118-79-6	2,4,6-Tribromophenol	102		28-143
1718-51-0	Terphenyl-d14	77		42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) MSD | Lab Sample ID: 580-24938-4 MSD

Matrix: Solid | Lab File ID: FT004083.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0608(g) | Date Analyzed: 03/14/2011 12:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1260		150	22
111-44-4	Bis(2-chloroethyl)ether	1310		150	22
95-57-8	2-Chlorophenol	1320		150	22
541-73-1	1,3-Dichlorobenzene	1010		73	22
106-46-7	1,4-Dichlorobenzene	1060		73	22
100-51-6	Benzyl alcohol	1070		150	22
95-50-1	1,2-Dichlorobenzene	1010		73	22
95-48-7	2-Methylphenol	1490		150	22
15831-10-4	3 & 4 Methylphenol	1440		290	22
621-64-7	N-Nitrosodi-n-propylamine	1270		150	22
67-72-1	Hexachloroethane	943		150	22
98-95-3	Nitrobenzene	1760		150	50
78-59-1	Isophorone	1430		150	7.3
88-75-5	2-Nitrophenol	1460		150	22
105-67-9	2,4-Dimethylphenol	1200		150	22
65-85-0	Benzoic acid	ND		3700	1100
111-91-1	Bis(2-chloroethoxy)methane	1240		150	7.3
120-83-2	2,4-Dichlorophenol	1190		150	22
120-82-1	1,2,4-Trichlorobenzene	804		73	22
91-20-3	Naphthalene	920		29	7.3
106-47-8	4-Chloroaniline	1120		150	22
87-68-3	Hexachlorobutadiene	655		73	22
59-50-7	4-Chloro-3-methylphenol	1310		150	22
91-57-6	2-Methylnaphthalene	743		29	7.3
77-47-4	Hexachlorocyclopentadiene	455		150	7.3
88-06-2	2,4,6-Trichlorophenol	1280		220	22
95-95-4	2,4,5-Trichlorophenol	1450		150	22
91-58-7	2-Chloronaphthalene	768		29	7.3
88-74-4	2-Nitroaniline	1560		150	22
131-11-3	Dimethyl phthalate	1030		150	7.3
208-96-8	Acenaphthylene	839		29	7.3
606-20-2	2,6-Dinitrotoluene	1400		150	22
99-09-2	3-Nitroaniline	1320		150	22
83-32-9	Acenaphthene	716		29	7.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) MSD | Lab Sample ID: 580-24938-4 MSD

Matrix: Solid | Lab File ID: FT004083.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0608(g) | Date Analyzed: 03/14/2011 12:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	906	J	1500	290
100-02-7	4-Nitrophenol	5950		1500	370
132-64-9	Dibenzofuran	704		150	7.3
121-14-2	2,4-Dinitrotoluene	1300		150	22
84-66-2	Diethyl phthalate	705		150	22
7005-72-3	4-Chlorophenyl phenyl ether	583		150	22
86-73-7	Fluorene	666		29	7.3
100-01-6	4-Nitroaniline	1210		150	22
534-52-1	4,6-Dinitro-2-methylphenol	2600		1500	150
86-30-6	N-Nitrosodiphenylamine	742		73	7.3
101-55-3	4-Bromophenyl phenyl ether	603		150	22
118-74-1	Hexachlorobenzene	489		73	7.3
87-86-5	Pentachlorophenol	782		290	22
85-01-8	Phenanthrene	600		29	7.3
120-12-7	Anthracene	607		29	7.3
84-74-2	Di-n-butyl phthalate	562		290	73
206-44-0	Fluoranthene	571		29	7.3
129-00-0	Pyrene	566		29	7.3
85-68-7	Butyl benzyl phthalate	643		150	73
91-94-1	3,3'-Dichlorobenzidine	1310		290	44
56-55-3	Benzo[a]anthracene	503		37	7.3
218-01-9	Chrysene	537		37	7.3
117-81-7	Bis(2-ethylhexyl) phthalate	775	J	2200	73
117-84-0	Di-n-octyl phthalate	842		290	7.3
50-32-8	Benzo[a]pyrene	454		44	7.3
193-39-5	Indeno[1,2,3-cd]pyrene	398		58	7.3
53-70-3	Dibenz(a,h)anthracene	422		58	7.3
191-24-2	Benzo[g,h,i]perylene	369		37	7.3
86-74-8	Carbazole	920		220	7.3
90-12-0	1-Methylnaphthalene	723		44	7.3
205-99-2	Benzo[b]fluoranthene	489		29	7.3
207-08-9	Benzo[k]fluoranthene	455		37	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	1250		220	22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) MSD | Lab Sample ID: 580-24938-4 MSD

Matrix: Solid | Lab File ID: FT004083.D

Analysis Method: 8270C | Date Collected: 03/10/2011 16:15

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:16

Sample wt/vol: 10.0608(g) | Date Analyzed: 03/14/2011 12:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	98		36-145
4165-62-2	Phenol-d5	86		38-149
4165-60-0	Nitrobenzene-d5	93		38-141
321-60-8	2-Fluorobiphenyl	60		42-140
118-79-6	2,4,6-Tribromophenol	82		28-143
1718-51-0	Terphenyl-d14	28	X	42-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) MSD | Lab Sample ID: 580-24938-22 MSD

Matrix: Solid | Lab File ID: ak024470.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0531(g) | Date Analyzed: 03/14/2011 11:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1250		130	19
111-44-4	Bis(2-chloroethyl)ether	1050		130	19
95-57-8	2-Chlorophenol	1200		130	19
541-73-1	1,3-Dichlorobenzene	1170		63	19
106-46-7	1,4-Dichlorobenzene	1170		63	19
100-51-6	Benzyl alcohol	602		130	19
95-50-1	1,2-Dichlorobenzene	1160		63	19
95-48-7	2-Methylphenol	1230		130	19
15831-10-4	3 & 4 Methylphenol	1280		250	19
621-64-7	N-Nitrosodi-n-propylamine	1260		130	19
67-72-1	Hexachloroethane	1070		130	19
98-95-3	Nitrobenzene	1440		130	43
78-59-1	Isophorone	1480		130	6.3
88-75-5	2-Nitrophenol	1110		130	19
105-67-9	2,4-Dimethylphenol	1010		130	19
65-85-0	Benzoic acid	ND		3100	940
111-91-1	Bis(2-chloroethoxy)methane	1140		130	6.3
120-83-2	2,4-Dichlorophenol	1060		130	19
120-82-1	1,2,4-Trichlorobenzene	1060		63	19
91-20-3	Naphthalene	1100		25	6.3
106-47-8	4-Chloroaniline	1110		130	19
87-68-3	Hexachlorobutadiene	1020		63	19
59-50-7	4-Chloro-3-methylphenol	1070		130	19
91-57-6	2-Methylnaphthalene	1110		25	6.3
77-47-4	Hexachlorocyclopentadiene	681		130	6.3
88-06-2	2,4,6-Trichlorophenol	1070		190	19
95-95-4	2,4,5-Trichlorophenol	1220		130	19
91-58-7	2-Chloronaphthalene	1060		25	6.3
88-74-4	2-Nitroaniline	1180		130	19
131-11-3	Dimethyl phthalate	1170		130	6.3
208-96-8	Acenaphthylene	1130		25	6.3
606-20-2	2,6-Dinitrotoluene	1380		130	19
99-09-2	3-Nitroaniline	1150		130	19
83-32-9	Acenaphthene	1010		25	6.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) MSD | Lab Sample ID: 580-24938-22 MSD

Matrix: Solid | Lab File ID: ak024470.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0531(g) | Date Analyzed: 03/14/2011 11:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	1130	J	1300	250
100-02-7	4-Nitrophenol	5420		1300	310
132-64-9	Dibenzofuran	1030		130	6.3
121-14-2	2,4-Dinitrotoluene	1320		130	19
84-66-2	Diethyl phthalate	1050		130	19
7005-72-3	4-Chlorophenyl phenyl ether	987		130	19
86-73-7	Fluorene	1030		25	6.3
100-01-6	4-Nitroaniline	1290		130	19
534-52-1	4,6-Dinitro-2-methylphenol	2230		1300	130
86-30-6	N-Nitrosodiphenylamine	977		63	6.3
101-55-3	4-Bromophenyl phenyl ether	867		130	19
118-74-1	Hexachlorobenzene	819		63	6.3
87-86-5	Pentachlorophenol	864		250	19
85-01-8	Phenanthrene	877		25	6.3
120-12-7	Anthracene	927		25	6.3
84-74-2	Di-n-butyl phthalate	880		250	63
206-44-0	Fluoranthene	911		25	6.3
129-00-0	Pyrene	864		25	6.3
85-68-7	Butyl benzyl phthalate	1030		130	63
91-94-1	3,3'-Dichlorobenzidine	2080		250	38
56-55-3	Benzo[a]anthracene	880		31	6.3
218-01-9	Chrysene	834		31	6.3
117-81-7	Bis(2-ethylhexyl) phthalate	1010	J	1900	63
117-84-0	Di-n-octyl phthalate	962		250	6.3
50-32-8	Benzo[a]pyrene	910		38	6.3
193-39-5	Indeno[1,2,3-cd]pyrene	807		50	6.3
53-70-3	Dibenz(a,h)anthracene	843		50	6.3
191-24-2	Benzo[g,h,i]perylene	700		31	6.3
86-74-8	Carbazole	1030		190	6.3
90-12-0	1-Methylnaphthalene	1070		38	6.3
205-99-2	Benzo[b]fluoranthene	792		25	6.3
207-08-9	Benzo[k]fluoranthene	913		31	6.3
108-60-1	2,2'-oxybis[1-chloropropane]	1210		190	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) MSD | Lab Sample ID: 580-24938-22 MSD

Matrix: Solid | Lab File ID: ak024470.D

Analysis Method: 8270C | Date Collected: 03/11/2011 09:45

Extract. Method: 3550B | Date Extracted: 03/12/2011 12:31

Sample wt/vol: 10.0531(g) | Date Analyzed: 03/14/2011 11:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82189 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		36-145
4165-62-2	Phenol-d5	95		38-149
4165-60-0	Nitrobenzene-d5	97		38-141
321-60-8	2-Fluorobiphenyl	83		42-140
118-79-6	2,4,6-Tribromophenol	78		28-143
1718-51-0	Terphenyl-d14	57		42-151

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Start Date: 03/09/2011 11:05

Analysis Batch Number: 81932 End Date: 03/09/2011 14:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-81932/1		03/09/2011 11:05	1	ak024422.D	ZB-5MS 0.25(mm)
IC 580-81932/3		03/09/2011 11:40	1	ak024424.D	ZB-5MS 0.25(mm)
IC 580-81932/4		03/09/2011 12:01	1	ak024425.D	ZB-5MS 0.25(mm)
IC 580-81932/5		03/09/2011 12:22	1	ak024426.D	ZB-5MS 0.25(mm)
IC 580-81932/6		03/09/2011 12:55	1	ak024427.D	ZB-5MS 0.25(mm)
IC 580-81932/7		03/09/2011 13:16	1	ak024428.D	ZB-5MS 0.25(mm)
ICIS 580-81932/8		03/09/2011 13:37	1	ak024429.D	ZB-5MS 0.25(mm)
IC 580-81932/9		03/09/2011 13:59	1	ak024430.D	ZB-5MS 0.25(mm)
IC 580-81932/10		03/09/2011 14:20	1	ak024431.D	ZB-5MS 0.25(mm)
ICV 580-81932/11		03/09/2011 14:41	1	ak024432.D	ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Start Date: 03/13/2011 10:48

Analysis Batch Number: 82179 End Date: 03/13/2011 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-82179/1		03/13/2011 10:48	1	ak024454.D	ZB-5MS 0.25(mm)
CCVIS 580-82179/2		03/13/2011 11:02	1		ZB-5MS 0.25(mm)
MB 580-82166/1-A		03/13/2011 11:47	1	ak024456.D	ZB-5MS 0.25(mm)
LCS 580-82166/2-A		03/13/2011 12:08	1	ak024457.D	ZB-5MS 0.25(mm)
LCSD 580-82166/3-A		03/13/2011 12:29	1	ak024458.D	ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 12:50	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 13:11	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 13:38	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 13:59	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 14:20	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 14:41	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 15:02	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 15:23	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 15:44	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 16:05	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 16:27	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 16:48	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 17:09	1		ZB-5MS 0.25(mm)
ZZZZZ		03/13/2011 17:30	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC040 Start Date: 03/14/2011 07:27

Analysis Batch Number: 82189 End Date: 03/14/2011 18:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-82189/1		03/14/2011 07:27	1	ak024459.D	ZB-5MS 0.25(mm)
CCVIS 580-82189/2		03/14/2011 07:41	1	ak024460.D	ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 08:24	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 08:45	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 09:06	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 09:28	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 09:49	1		ZB-5MS 0.25(mm)
580-24938-21	YK-SB17(3-4)	03/14/2011 10:10	1	ak024467.D	ZB-5MS 0.25(mm)
580-24938-22	YK-SB18(0-1)	03/14/2011 10:31	1	ak024468.D	ZB-5MS 0.25(mm)
580-24938-22 MS	YK-SB18(0-1) MS	03/14/2011 10:52	1	ak024469.D	ZB-5MS 0.25(mm)
580-24938-22 MSD	YK-SB18(0-1) MSD	03/14/2011 11:13	1	ak024470.D	ZB-5MS 0.25(mm)
580-24938-23	YK-SB18(3-4)	03/14/2011 11:34	1	ak024471.D	ZB-5MS 0.25(mm)
580-24938-24	YK-MW-6(0-1)	03/14/2011 11:55	1	ak024472.D	ZB-5MS 0.25(mm)
580-24938-25	YK-SB07(3-4)	03/14/2011 12:16	1	ak024473.D	ZB-5MS 0.25(mm)
580-24938-27	YK-SB01(4-5)	03/14/2011 12:59	1	ak024475.D	ZB-5MS 0.25(mm)
580-24938-28	YK-SB02(0-1)	03/14/2011 13:20	1	ak024476.D	ZB-5MS 0.25(mm)
580-24938-29	YK-SB02(3-4)	03/14/2011 13:41	1	ak024477.D	ZB-5MS 0.25(mm)
580-24938-30	YK-SB03(0-1)	03/14/2011 14:02	1	ak024478.D	ZB-5MS 0.25(mm)
580-24938-31	YK-SB03(3-4)	03/14/2011 14:23	1	ak024479.D	ZB-5MS 0.25(mm)
580-24938-32	YK-SB04(0-1)	03/14/2011 14:44	1	ak024480.D	ZB-5MS 0.25(mm)
580-24938-33	YK-SB04(4-5)	03/14/2011 15:05	1	ak024481.D	ZB-5MS 0.25(mm)
580-24938-34	YK-SB13(0-1)	03/14/2011 15:27	1	ak024482.D	ZB-5MS 0.25(mm)
580-24938-35	YK-SB13(7-8)	03/14/2011 15:48	1	ak024483.D	ZB-5MS 0.25(mm)
580-24938-36	YK-SB11(0-1)	03/14/2011 16:09	1	ak024484.D	ZB-5MS 0.25(mm)
580-24938-37	YK-SB11(3-4)	03/14/2011 16:30	1	ak024485.D	ZB-5MS 0.25(mm)
580-24938-38	YK-SB12(0-1)	03/14/2011 16:51	1	ak024486.D	ZB-5MS 0.25(mm)
580-24938-39	YK-SB10(0-1)	03/14/2011 17:12	1	ak024487.D	ZB-5MS 0.25(mm)
580-24938-26	YK-SB01(0-1)	03/14/2011 17:33	1	ak024488.D	ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 17:55	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 18:16	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 18:37	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 18:58	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Start Date: 02/01/2011 14:10

Analysis Batch Number: 80068 End Date: 02/01/2011 17:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-80068/1		02/01/2011 14:10	1	FT003868.D	ZB-5MS 0.25(mm)
IC 580-80068/3		02/01/2011 14:42	1	FT003870.D	ZB-5MS 0.25(mm)
IC 580-80068/4		02/01/2011 15:01	1	FT003871.D	ZB-5MS 0.25(mm)
IC 580-80068/5		02/01/2011 15:20	1	FT003872.D	ZB-5MS 0.25(mm)
IC 580-80068/6		02/01/2011 15:39	1	FT003873.D	ZB-5MS 0.25(mm)
IC 580-80068/7		02/01/2011 15:58	1	FT003874.D	ZB-5MS 0.25(mm)
ICIS 580-80068/8		02/01/2011 16:17	1	FT003875.D	ZB-5MS 0.25(mm)
IC 580-80068/9		02/01/2011 16:36	1	FT003876.D	ZB-5MS 0.25(mm)
IC 580-80068/10		02/01/2011 16:55	1	FT003877.D	ZB-5MS 0.25(mm)
ICV 580-80068/11		02/01/2011 17:14	1	FT003878.D	ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Start Date: 03/04/2011 10:05

Analysis Batch Number: 81637 End Date: 03/04/2011 16:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-81637/1		03/04/2011 10:05	1	FT003985.D	ZB-5MS 0.25(mm)
IC 580-81637/3		03/04/2011 10:37	1	FT003987.D	ZB-5MS 0.25(mm)
IC 580-81637/4		03/04/2011 10:57	1	FT003988.D	ZB-5MS 0.25(mm)
IC 580-81637/5		03/04/2011 11:17	1	FT003989.D	ZB-5MS 0.25(mm)
IC 580-81637/6		03/04/2011 11:37	1	FT003990.D	ZB-5MS 0.25(mm)
ICIS 580-81637/7		03/04/2011 11:57	1	FT003991.D	ZB-5MS 0.25(mm)
IC 580-81637/8		03/04/2011 12:16	1	FT003992.D	ZB-5MS 0.25(mm)
IC 580-81637/9		03/04/2011 12:36	1	FT003993.D	ZB-5MS 0.25(mm)
IC 580-81637/10		03/04/2011 12:56	1	FT003994.D	ZB-5MS 0.25(mm)
ICV 580-81637/12		03/04/2011 14:37	1	FT003996.D	ZB-5MS 0.25(mm)
ZZZZZ		03/04/2011 15:13	1		ZB-5MS 0.25(mm)
ZZZZZ		03/04/2011 15:32	1		ZB-5MS 0.25(mm)
ZZZZZ		03/04/2011 15:52	1		ZB-5MS 0.25(mm)
MDLV 580-79704/1-A		03/04/2011 16:12	1		ZB-5MS 0.25(mm)
MDLV 580-79704/2-A		03/04/2011 16:32	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC050 Start Date: 03/14/2011 08:44

Analysis Batch Number: 82194 End Date: 03/14/2011 18:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-82194/1		03/14/2011 08:44	1	FT004073.D	ZB-5MS 0.25(mm)
CCVIS 580-82194/2		03/14/2011 08:56	1	FT004074.D	ZB-5MS 0.25(mm)
MB 580-82163/1-A		03/14/2011 09:24	1	FT004075.D	ZB-5MS 0.25(mm)
LCS 580-82163/2-A		03/14/2011 09:43	1	FT004076.D	ZB-5MS 0.25(mm)
LCSD 580-82163/3-A		03/14/2011 10:02	1	FT004077.D	ZB-5MS 0.25(mm)
580-24938-1	YK-SB08(0-1)	03/14/2011 10:21	1	FT004078.D	ZB-5MS 0.25(mm)
580-24938-2	YK-SB08(4-5)	03/14/2011 10:40	1	FT004079.D	ZB-5MS 0.25(mm)
580-24938-3	YK-SB14(0-1)	03/14/2011 11:13	1	FT004080.D	ZB-5MS 0.25(mm)
580-24938-4	YK-SB14(4-5)	03/14/2011 11:32	1	FT004081.D	ZB-5MS 0.25(mm)
580-24938-4 MS	YK-SB14(4-5) MS	03/14/2011 11:51	1	FT004082.D	ZB-5MS 0.25(mm)
580-24938-4 MSD	YK-SB14(4-5) MSD	03/14/2011 12:10	1	FT004083.D	ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 12:29	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 12:48	1		ZB-5MS 0.25(mm)
580-24938-5	YK-SB06(0-1)	03/14/2011 13:07	1	FT004086.D	ZB-5MS 0.25(mm)
580-24938-6	YK-SB06(4-5)	03/14/2011 13:26	1	FT004087.D	ZB-5MS 0.25(mm)
580-24938-7	YK-SB15(0-1)	03/14/2011 13:45	1	FT004088.D	ZB-5MS 0.25(mm)
580-24938-8	YK-SB15(4-5)	03/14/2011 14:04	1	FT004089.D	ZB-5MS 0.25(mm)
580-24938-10	YK-MW-6(4-5)	03/14/2011 14:23	1	FT004090.D	ZB-5MS 0.25(mm)
580-24938-11	YK-MW-6(4-5)D	03/14/2011 14:42	1	FT004091.D	ZB-5MS 0.25(mm)
580-24938-12	YK-SB07(0-1)	03/14/2011 15:01	1	FT004092.D	ZB-5MS 0.25(mm)
580-24938-13	YK-MW-7(0-1)	03/14/2011 15:20	1	FT004093.D	ZB-5MS 0.25(mm)
580-24938-14	YK-MW-7(4-5)	03/14/2011 15:39	1	FT004094.D	ZB-5MS 0.25(mm)
580-24938-15	YK-MW-5(0-1)	03/14/2011 15:58	1	FT004095.D	ZB-5MS 0.25(mm)
580-24938-16	YK-MW-5(2-3)	03/14/2011 16:17	1	FT004096.D	ZB-5MS 0.25(mm)
580-24938-17	YK-SB16(0-1)	03/14/2011 16:36	1	FT004097.D	ZB-5MS 0.25(mm)
580-24938-18	YK-SB16(3-4)	03/14/2011 16:55	1	FT004098.D	ZB-5MS 0.25(mm)
580-24938-19	YK-SB17(0-1)	03/14/2011 17:14	1	FT004099.D	ZB-5MS 0.25(mm)
580-24938-20	YK-SB17(0-1)D	03/14/2011 17:33	1	FT004100.D	ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 17:52	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 18:11	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 18:30	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 18:49	1		ZB-5MS 0.25(mm)

Organic Prep Worksheet

Batch Number: 580-82163
Method: 3550B
Analyst: Kimura, Evan

Date Open: Mar 12 2011 12:16PM
Batch End: Mar 12 2011 3:30PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	8270flspk_00084	8270Surr_00043
MB~580-82163/1		3550B, 8270C		10 g	10 mL		100 uL
LCS~580-82163/2		3550B, 8270C		10 g	10 mL	500 uL	100 uL
LCSD~580-82163/3		3550B, 8270C		10 g	10 mL	500 uL	100 uL
580-24938-A-1	YK-SB08(0-1)	3550B, 8270C	T	10.0576 g	10 mL		100 uL
580-24938-A-2	YK-SB08(4-5)	3550B, 8270C	T	10.3907 g	10 mL		100 uL
580-24938-A-3	YK-SB14(0-1)	3550B, 8270C	T	10.3880 g	10 mL		100 uL
580-24938-A-4	YK-SB14(4-5)	3550B, 8270C	T	10.0290 g	10 mL		100 uL
580-24938-A-4~MS	YK-SB14(4-5)	3550B, 8270C	T	10.4275 g	10 mL	500 uL	100 uL
580-24938-A-4~MSD	YK-SB14(4-5)	3550B, 8270C	T	10.0608 g	10 mL	500 uL	100 uL
580-24938-A-5	YK-SB06(0-1)	3550B, 8270C	T	10.2454 g	10 mL		100 uL
580-24938-A-6	YK-SB06(4-5)	3550B, 8270C	T	10.0650 g	10 mL		100 uL
580-24938-A-7	YK-SB15(0-1)	3550B, 8270C	T	10.2821 g	10 mL		100 uL
580-24938-A-8	YK-SB15(4-5)	3550B, 8270C	T	10.0858 g	10 mL		100 uL
580-24938-A-10	YK-MW-6(4-5)	3550B, 8270C	T	10.1203 g	10 mL		100 uL
580-24938-A-11	YK-MW-6(4-5)D	3550B, 8270C	T	10.0458 g	10 mL		100 uL
580-24938-A-12	YK-SB07(0-1)	3550B, 8270C	T	10.2460 g	10 mL		100 uL
580-24938-A-13	YK-MW-7(0-1)	3550B, 8270C	T	10.5012 g	10 mL		100 uL
580-24938-A-14	YK-MW-7(4-5)	3550B, 8270C	T	10.4594 g	10 mL		100 uL
580-24938-A-15	YK-MW-5(0-1)	3550B, 8270C	T	10.0212 g	10 mL		100 uL
580-24938-A-16	YK-MW-5(2-3)	3550B, 8270C	T	10.4212 g	10 mL		100 uL
580-24938-A-17	YK-SB16(0-1)	3550B, 8270C	T	10.0979 g	10 mL		100 uL
580-24938-A-18	YK-SB16(3-4)	3550B, 8270C	T	10.4578 g	10 mL		100 uL
580-24938-A-19	YK-SB17(0-1)	3550B, 8270C	T	10.2672 g	10 mL		100 uL
580-24938-A-20	YK-SB17(0-1)D	3550B, 8270C	T	10.2049 g	10 mL		100 uL

Nominal Amount Used:	10 g	Prep Solvent Name:	DCM
Prep Solvent Volume Used:	10 (Verified volumetrically) mL	Prep Solvent Lot #:	670770
Vendor of Reagent used:	JTB	Exchange Solvent Name:	n/a
Person's name who did the concentration:	n/a	Exchange Solvent Lot #:	n/a
Person's name who witnessed reagent drop:	n/a	Blank Soil Lot Number:	652167
Na2SO4 Lot Number:	670824	Florisil Lot #:	n/a
Silica Gel Lot Number:	n/a	TBA Lot #:	n/a
Concentration Start Time:	n/a	Filter Paper Lot Number:	n/a
Concentration End Time:	n/a	Copper Lot #:	n/a
Balance ID:	SEA218	Sulfuric Acid Lot Number:	n/a

Organic Prep Worksheet

Batch Number: 580-82163
Method: 3550B
Analyst: Kimura, Evan

Date Open: Mar 12 2011 12:16PM
Batch End: Mar 12 2011 3:30PM

Water Bath ID:	WB1
ID number of the thermometer:	101696187
Uncorrected Temperature:	56.9 - 61.1 Celsius
Water Bath Temperature:	57.0 - 61.2 Celsius
Uncorrected N-evap Temperature:	n/a Celsius
N-evap temperature:	n/a Celsius
Clean Blank Lot #:	n/a
Clean LCS Lot #:	n/a

Organic Prep Worksheet

Batch Number: 580-82163
Method: 3550B
Analyst: Kimura, Evan

Date Open: Mar 12 2011 12:16PM
Batch End: Mar 12 2011 3:30PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~580-82163/1		3550B, 8270C		
LCS~580-82163/2		3550B, 8270C		
LCSD~580-82163/3		3550B, 8270C		
580-24938-A-1	YK-SB08(0-1)	3550B, 8270C	T	
580-24938-A-2	YK-SB08(4-5)	3550B, 8270C	T	
580-24938-A-3	YK-SB14(0-1)	3550B, 8270C	T	
580-24938-A-4	YK-SB14(4-5)	3550B, 8270C	T	
580-24938-A-4~MS	YK-SB14(4-5)	3550B, 8270C	T	
580-24938-A-4~MSD	YK-SB14(4-5)	3550B, 8270C	T	
580-24938-A-5	YK-SB06(0-1)	3550B, 8270C	T	
580-24938-A-6	YK-SB06(4-5)	3550B, 8270C	T	
580-24938-A-7	YK-SB15(0-1)	3550B, 8270C	T	
580-24938-A-8	YK-SB15(4-5)	3550B, 8270C	T	
580-24938-A-10	YK-MW-6(4-5)	3550B, 8270C	T	
580-24938-A-11	YK-MW-6(4-5)D	3550B, 8270C	T	
580-24938-A-12	YK-SB07(0-1)	3550B, 8270C	T	
580-24938-A-13	YK-MW-7(0-1)	3550B, 8270C	T	
580-24938-A-14	YK-MW-7(4-5)	3550B, 8270C	T	
580-24938-A-15	YK-MW-5(0-1)	3550B, 8270C	T	
580-24938-A-16	YK-MW-5(2-3)	3550B, 8270C	T	
580-24938-A-17	YK-SB16(0-1)	3550B, 8270C	T	
580-24938-A-18	YK-SB16(3-4)	3550B, 8270C	T	
580-24938-A-19	YK-SB17(0-1)	3550B, 8270C	T	
580-24938-A-20	YK-SB17(0-1)D	3550B, 8270C	T	

Batch Comment: 3550B mod, 8270C Full List

Organic Prep Worksheet

Batch Number: 580-82166
Method: 3550B
Analyst: Brechler, Debbie

Date Open: Mar 12 2011 12:31PM
Batch End: Mar 12 2011 5:15PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	8270flspk_00084	8270Surr_00043
MB~580-82166/1		3550B, 8270C		10.0 g	10 mL		100 uL
LCS~580-82166/2		3550B, 8270C		10.0 g	10 mL	500 uL	100 uL
LCSD~580-82166/3		3550B, 8270C		10.0 g	10 mL	500 uL	100 uL
580-24938-A-21	YK-SB17(3-4)	3550B, 8270C	T	10.3101 g	10 mL		100 uL
580-24938-A-22	YK-SB18(0-1)	3550B, 8270C	T	10.2710 g	10 mL		100 uL
580-24938-A-22~MS	YK-SB18(0-1)	3550B, 8270C	T	10.4331 g	10 mL	500 uL	100 uL
580-24938-A-22~MSD	YK-SB18(0-1)	3550B, 8270C	T	10.0531 g	10 mL	500 uL	100 uL
580-24938-A-23	YK-SB18(3-4)	3550B, 8270C	T	10.4388 g	10 mL		100 uL
580-24938-A-24	YK-MW-6(0-1)	3550B, 8270C	T	10.4471 g	10 mL		100 uL
580-24938-A-25	YK-SB07(3-4)	3550B, 8270C	T	10.1477 g	10 mL		100 uL
580-24938-A-26	YK-SB01(0-1)	3550B, 8270C	T	10.2860 g	10 mL		100 uL
580-24938-A-27	YK-SB01(4-5)	3550B, 8270C	T	10.3550 g	10 mL		100 uL
580-24938-A-28	YK-SB02(0-1)	3550B, 8270C	T	10.4908 g	10 mL		100 uL
580-24938-A-29	YK-SB02(3-4)	3550B, 8270C	T	10.3917 g	10 mL		100 uL
580-24938-A-30	YK-SB03(0-1)	3550B, 8270C	T	10.4183 g	10 mL		100 uL
580-24938-A-31	YK-SB03(3-4)	3550B, 8270C	T	10.1598 g	10 mL		100 uL
580-24938-A-32	YK-SB04(0-1)	3550B, 8270C	T	10.1538 g	10 mL		100 uL
580-24938-A-33	YK-SB04(4-5)	3550B, 8270C	T	10.2693 g	10 mL		100 uL
580-24938-A-34	YK-SB13(0-1)	3550B, 8270C	T	10.3999 g	10 mL		100 uL
580-24938-A-35	YK-SB13(7-8)	3550B, 8270C	T	10.2688 g	10 mL		100 uL
580-24938-A-36	YK-SB11(0-1)	3550B, 8270C	T	10.0367 g	10 mL		100 uL
580-24938-A-37	YK-SB11(3-4)	3550B, 8270C	T	10.4827 g	10 mL		100 uL
580-24938-A-38	YK-SB12(0-1)	3550B, 8270C	T	10.1788 g	10 mL		100 uL
580-24938-B-39	YK-SB10(0-1)	3550B, 8270C	T	10.1201 g	10 mL		100 uL

Prep Solvent Volume Used:	10 mL	Prep Solvent Lot #:	670768
Vendor of Reagent used:	JTB	Exchange Solvent Name:	NA
Person's name who did the concentration:	NA	Exchange Solvent Lot #:	NA
Person's name who witnessed reagent drop:	NA	Blank Soil Lot Number:	652162
Na2SO4 Lot Number:	670822	Florisil Lot #:	NA
Silica Gel Lot Number:	NA	TBA Lot #:	NA
Concentration Start Time:	1450	Filter Paper Lot Number:	NA
Concentration End Time:	1520	Copper Lot #:	NA
Balance ID:	SEA216	Sulfuric Acid Lot Number:	NA
Prep Solvent Name:	MeCl2	Water Bath ID:	WB1

Organic Prep Worksheet

Batch Number: 580-82166
Method: 3550B
Analyst: Brechler, Debbie

Date Open: Mar 12 2011 12:31PM
Batch End: Mar 12 2011 5:15PM

ID number of the thermometer:	101696187
Uncorrected Temperature:	58.8 Celsius
Water Bath Temperature:	58.9 Celsius
Uncorrected N-evap Temperature:	NA Celsius
N-evap temperature:	NA Celsius
Clean Blank Lot #:	652162
Clean LCS Lot #:	652162

Organic Prep Worksheet

Batch Number: 580-82166
Method: 3550B
Analyst: Brechler, Debbie

Date Open: Mar 12 2011 12:31PM
Batch End: Mar 12 2011 5:15PM

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~580-82166/1		3550B, 8270C		
LCS~580-82166/2		3550B, 8270C		
LCSD~580-82166/3		3550B, 8270C		
580-24938-A-21	YK-SB17(3-4)	3550B, 8270C	T	
580-24938-A-22	YK-SB18(0-1)	3550B, 8270C	T	
580-24938-A-22~MS	YK-SB18(0-1)	3550B, 8270C	T	
580-24938-A-22~MSD	YK-SB18(0-1)	3550B, 8270C	T	
580-24938-A-23	YK-SB18(3-4)	3550B, 8270C	T	
580-24938-A-24	YK-MW-6(0-1)	3550B, 8270C	T	
580-24938-A-25	YK-SB07(3-4)	3550B, 8270C	T	
580-24938-A-26	YK-SB01(0-1)	3550B, 8270C	T	
580-24938-A-27	YK-SB01(4-5)	3550B, 8270C	T	
580-24938-A-28	YK-SB02(0-1)	3550B, 8270C	T	
580-24938-A-29	YK-SB02(3-4)	3550B, 8270C	T	
580-24938-A-30	YK-SB03(0-1)	3550B, 8270C	T	
580-24938-A-31	YK-SB03(3-4)	3550B, 8270C	T	
580-24938-A-32	YK-SB04(0-1)	3550B, 8270C	T	
580-24938-A-33	YK-SB04(4-5)	3550B, 8270C	T	
580-24938-A-34	YK-SB13(0-1)	3550B, 8270C	T	
580-24938-A-35	YK-SB13(7-8)	3550B, 8270C	T	
580-24938-A-36	YK-SB11(0-1)	3550B, 8270C	T	
580-24938-A-37	YK-SB11(3-4)	3550B, 8270C	T	
580-24938-A-38	YK-SB12(0-1)	3550B, 8270C	T	
580-24938-B-39	YK-SB10(0-1)	3550B, 8270C	T	

Comments

Batch Comment: 3550B for 8270

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-MR-2 ID: 0.25 (mm) GC Column (2): ZB-MR-1 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
YK-SB08(0-1) RE	580-24938-1 RE	44 X I	46	51 X I	48 X
YK-SB08(4-5) RE	580-24938-2 RE	38 X I	39 X	41 X I	37 X
YK-SB14(0-1) RE	580-24938-3 RE	20 X I	21 X	25 X I	24 X
YK-SB14(4-5) RE	580-24938-4 RE	16 X I	17 X	18 X I	18 X
YK-SB06(0-1) RE	580-24938-5 RE	38 X I	40 X	29 X I	27 X
YK-SB06(4-5) RE	580-24938-6 RE	60	64	51 X I	46 X
YK-SB15(0-1)	580-24938-7	40 X	43 I X	40 X	36 I X
YK-SB15(4-5)	580-24938-8	61	64	54 X	47 I X
YK-MW-6(4-5) RE	580-24938-10 RE	52	55	46 X I	41 X
YK-MW-6(4-5)D RE	580-24938-11 RE	41 X I	43 X	46 X I	41 X
YK-SB07(0-1) RE	580-24938-12 RE	45	48	22 X I	21 X
YK-MW-7(0-1) RE	580-24938-13 RE	45	49	40 X I	37 X
YK-MW-7(4-5) RE	580-24938-14 RE	49	52	41 X I	37 X
YK-MW-5(0-1) RE	580-24938-15 RE	54	57	53 X I	47 X
YK-MW-5(2-3) RE	580-24938-16 RE	57	61	47 X I	43 X
YK-SB16(0-1) RE	580-24938-17 RE	46	48	47 X I	42 X
YK-SB16(3-4) RE	580-24938-18 RE	71	75	67	58 X
YK-SB17(0-1) RE	580-24938-19 RE	37 X I	40 X	36 X I	34 X
YK-SB17(0-1)D	580-24938-20	54	60	52 X	47 I X
YK-SB17(3-4)	580-24938-21	47	48	56 X I	49 X
YK-SB18(0-1)	580-24938-22	57	58	58 X I	52 X
YK-SB18(3-4)	580-24938-23	64	67	64	57 X
YK-MW-6(0-1)	580-24938-24	45	45	46 X I	41 X
YK-SB07(3-4)	580-24938-25	39 X I	40 X	44 X I	39 X
YK-SB01(0-1)	580-24938-26	57	59	57 X I	52 X
YK-SB01(4-5)	580-24938-27	65	66	45 X I	42 X
YK-SB02(0-1)	580-24938-28	72	74	50 X I	44 X
YK-SB02(3-4)	580-24938-29	66	68	49 X I	43 X
YK-SB03(0-1)	580-24938-30	76	77	50 X I	45 X
YK-SB03(3-4)	580-24938-31	41 X I	40 X	40 X I	36 X
YK-SB04(0-1)	580-24938-32	57	59	47 X I	43 X
YK-SB04(4-5)	580-24938-33	29 X I	30 X	35 X I	32 X
YK-SB13(0-1)	580-24938-34	81	83	75	69
YK-SB13(7-8)	580-24938-35	78	80	73	67
YK-SB11(0-1)	580-24938-36	100	102	93	84

	QC LIMITS
TCX = Tetrachloro-m-xylene	45-155
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-MR-2 ID: 0.25 (mm) GC Column (2): ZB-MR-1 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
YK-SB11(3-4)	580-24938-37	71	74	57 X I	50 X
YK-SB12(0-1)	580-24938-38	84	86	82	74
YK-SB10(0-1)	580-24938-39	96	97	90	75
	MB 580-82167/1-A	100	104	108	93
	MB 580-82225/1-A	94	98	100	87
	LCS 580-82167/2-A	98	100	103	90
	LCS 580-82225/2-A	91	97	99	85
	LCSD 580-82167/3-A	76	77	82	72
YK-SB08(0-1) MS	580-24938-1 MS	68	73	68	61
YK-SB18(3-4) MS	580-24938-23 MS	76	79	78	70
YK-SB08(0-1) MSD	580-24938-1 MSD	67	73	63	56 X
YK-SB18(3-4) MSD	580-24938-23 MSD	82	86	86	75

	QC LIMITS
TCX = Tetrachloro-m-xylene	45-155
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155296.D

Lab ID: LCS 580-82167/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.100	0.0900	90	40-140	
PCB-1260	0.100	0.0907	91	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155378.D

Lab ID: LCS 580-82225/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.100	0.0826	83	40-140	
PCB-1260	0.100	0.0914	91	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155297.D

Lab ID: LCSD 580-82167/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	0.100	0.0807	81	11	20	40-140	
PCB-1260	0.100	0.0847	85	7	20	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155380.D

Lab ID: 580-24938-1 MS Client ID: YK-SB08(0-1) MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	0.124	ND	0.0948	77	40-140	
PCB-1260	0.124	ND	0.0910	74	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155303.D

Lab ID: 580-24938-23 MS Client ID: YK-SB18(3-4) MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	0.129	ND	0.0922	72	40-140	
PCB-1260	0.129	ND	0.0878	68	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155381.D

Lab ID: 580-24938-1 MSD Client ID: YK-SB08(0-1) MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	0.124	0.0932	75	2	20	40-140	
PCB-1260	0.124	0.0874	71	4	20	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155304.D

Lab ID: 580-24938-23 MSD Client ID: YK-SB18(3-4) MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	0.131	0.100	76	8	20	40-140	
PCB-1260	0.131	0.0977	75	11	20	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: MB 580-82167/1-A

Matrix: Solid Date Extracted: 03/12/2011 12:32

Lab File ID:(1) CC155291.D Lab File ID:(2) CC155291.D

Date Analyzed:(1) 03/13/2011 18:26 Date Analyzed:(2) 03/13/2011 18:26

Instrument ID:(1) TAC042 Instrument ID:(2) TAC042

GC Column:(1) ZB-MR-2 ID: 0.25(mm) GC Column:(2) ZB-MR-1 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 580-82167/2-A	03/13/2011 19:37	03/13/2011 19:37
	LCSD 580-82167/3-A	03/13/2011 19:51	03/13/2011 19:51
YK-SB17(3-4)	580-24938-21	03/13/2011 20:05	03/13/2011 20:05
YK-SB18(0-1)	580-24938-22	03/13/2011 20:19	03/13/2011 20:19
YK-SB18(3-4)	580-24938-23	03/13/2011 20:33	03/13/2011 20:33
YK-SB18(3-4) MS	580-24938-23 MS	03/13/2011 21:16	03/13/2011 21:16
YK-SB18(3-4) MSD	580-24938-23 MSD	03/13/2011 21:30	03/13/2011 21:30
YK-MW-6(0-1)	580-24938-24	03/13/2011 21:44	03/13/2011 21:44
YK-SB07(3-4)	580-24938-25	03/13/2011 21:58	03/13/2011 21:58
YK-SB01(0-1)	580-24938-26	03/13/2011 22:12	03/13/2011 22:12
YK-SB01(4-5)	580-24938-27	03/13/2011 22:26	03/13/2011 22:26
YK-SB02(0-1)	580-24938-28	03/13/2011 22:40	03/13/2011 22:40
YK-SB02(3-4)	580-24938-29	03/13/2011 22:55	03/13/2011 22:55
YK-SB03(0-1)	580-24938-30	03/13/2011 23:09	03/13/2011 23:09
YK-SB03(3-4)	580-24938-31	03/13/2011 23:23	03/13/2011 23:23
YK-SB04(0-1)	580-24938-32	03/14/2011 00:06	03/14/2011 00:06
YK-SB04(4-5)	580-24938-33	03/14/2011 00:20	03/14/2011 00:20
YK-SB13(0-1)	580-24938-34	03/14/2011 00:34	03/14/2011 00:34
YK-SB13(7-8)	580-24938-35	03/14/2011 00:48	03/14/2011 00:48
YK-SB11(0-1)	580-24938-36	03/14/2011 01:02	03/14/2011 01:02
YK-SB11(3-4)	580-24938-37	03/14/2011 01:16	03/14/2011 01:16
YK-SB12(0-1)	580-24938-38	03/14/2011 01:30	03/14/2011 01:30
YK-SB10(0-1)	580-24938-39	03/14/2011 01:44	03/14/2011 01:44

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: MB 580-82225/1-A

Matrix: Solid Date Extracted: 03/14/2011 12:03

Lab File ID:(1) CC155377.D Lab File ID:(2) CC155377.D

Date Analyzed:(1) 03/14/2011 17:08 Date Analyzed:(2) 03/14/2011 17:08

Instrument ID:(1) TAC042 Instrument ID:(2) TAC042

GC Column:(1) ZB-MR-2 ID: 0.25(mm) GC Column:(2) ZB-MR-1 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 580-82225/2-A	03/14/2011 17:23	03/14/2011 17:23
YK-SB08(0-1) RE	580-24938-1 RE	03/14/2011 17:37	03/14/2011 17:37
YK-SB08(0-1) MS	580-24938-1 MS	03/14/2011 17:51	03/14/2011 17:51
YK-SB08(0-1) MSD	580-24938-1 MSD	03/14/2011 18:05	03/14/2011 18:05
YK-SB08(4-5) RE	580-24938-2 RE	03/14/2011 18:19	03/14/2011 18:19
YK-SB14(0-1) RE	580-24938-3 RE	03/14/2011 18:33	03/14/2011 18:33
YK-SB14(4-5) RE	580-24938-4 RE	03/14/2011 18:47	03/14/2011 18:47
YK-SB06(0-1) RE	580-24938-5 RE	03/14/2011 19:02	03/14/2011 19:02
YK-SB06(4-5) RE	580-24938-6 RE	03/14/2011 19:16	03/14/2011 19:16
YK-MW-6(4-5) RE	580-24938-10 RE	03/14/2011 19:58	03/14/2011 19:58
YK-MW-6(4-5)D RE	580-24938-11 RE	03/14/2011 20:12	03/14/2011 20:12
YK-SB07(0-1) RE	580-24938-12 RE	03/14/2011 20:26	03/14/2011 20:26
YK-MW-7(0-1) RE	580-24938-13 RE	03/14/2011 20:40	03/14/2011 20:40
YK-MW-7(4-5) RE	580-24938-14 RE	03/14/2011 20:55	03/14/2011 20:55
YK-MW-5(0-1) RE	580-24938-15 RE	03/14/2011 21:09	03/14/2011 21:09
YK-MW-5(2-3) RE	580-24938-16 RE	03/14/2011 21:23	03/14/2011 21:23
YK-SB16(0-1) RE	580-24938-17 RE	03/14/2011 21:37	03/14/2011 21:37
YK-SB16(3-4) RE	580-24938-18 RE	03/14/2011 21:51	03/14/2011 21:51
YK-SB17(0-1) RE	580-24938-19 RE	03/14/2011 22:05	03/14/2011 22:05
YK-SB15(0-1)	580-24938-7	03/15/2011 10:56	03/15/2011 10:56
YK-SB15(4-5)	580-24938-8	03/15/2011 11:10	03/15/2011 11:10
YK-SB17(0-1)D	580-24938-20	03/15/2011 11:25	03/15/2011 11:25

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVRT 580-82183/2 Date Analyzed: 03/13/2011 12:08

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155266.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.16	7.86	
UPPER LIMIT				3.19	7.89	
LOWER LIMIT				3.13	7.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82183/2		03/13/2011 12:08	CC155266.D	3.16	7.86	
CCV 580-82183/26		03/13/2011 18:12	CC155290.D	3.16	7.86	
MB 580-82167/1-A		03/13/2011 18:26	CC155291.D	3.16	7.86	
LCS 580-82167/2-A		03/13/2011 19:37	CC155296.D	3.16	7.86	
LCSD 580-82167/3-A		03/13/2011 19:51	CC155297.D	3.16	7.86	
580-24938-21	YK-SB17(3-4)	03/13/2011 20:05	CC155298.D	3.16	7.86	
580-24938-22	YK-SB18(0-1)	03/13/2011 20:19	CC155299.D	3.16	7.86	
580-24938-23	YK-SB18(3-4)	03/13/2011 20:33	CC155300.D	3.16	7.86	
CCV 580-82183/37		03/13/2011 20:47	CC155301.D	3.16	7.86	
580-24938-23 MS	YK-SB18(3-4) MS	03/13/2011 21:16	CC155303.D	3.16	7.86	
580-24938-23 MSD	YK-SB18(3-4) MSD	03/13/2011 21:30	CC155304.D	3.16	7.86	
580-24938-24	YK-MW-6(0-1)	03/13/2011 21:44	CC155305.D	3.16	7.86	
580-24938-25	YK-SB07(3-4)	03/13/2011 21:58	CC155306.D	3.16	7.86	
580-24938-26	YK-SB01(0-1)	03/13/2011 22:12	CC155307.D	3.16	7.86	
580-24938-27	YK-SB01(4-5)	03/13/2011 22:26	CC155308.D	3.16	7.86	
580-24938-28	YK-SB02(0-1)	03/13/2011 22:40	CC155309.D	3.16	7.86	
580-24938-29	YK-SB02(3-4)	03/13/2011 22:55	CC155310.D	3.16	7.86	
580-24938-30	YK-SB03(0-1)	03/13/2011 23:09	CC155311.D	3.16	7.86	
580-24938-31	YK-SB03(3-4)	03/13/2011 23:23	CC155312.D	3.16	7.86	
CCV 580-82183/49		03/13/2011 23:37	CC155313.D	3.16	7.86	
580-24938-32	YK-SB04(0-1)	03/14/2011 00:06	CC155315.D	3.16	7.86	
580-24938-33	YK-SB04(4-5)	03/14/2011 00:20	CC155316.D	3.16	7.86	
580-24938-34	YK-SB13(0-1)	03/14/2011 00:34	CC155317.D	3.16	7.86	
580-24938-35	YK-SB13(7-8)	03/14/2011 00:48	CC155318.D	3.16	7.86	
580-24938-36	YK-SB11(0-1)	03/14/2011 01:02	CC155319.D	3.16	7.86	
580-24938-37	YK-SB11(3-4)	03/14/2011 01:16	CC155320.D	3.16	7.86	
580-24938-38	YK-SB12(0-1)	03/14/2011 01:30	CC155321.D	3.16	7.86	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVRT 580-82183/2 Date Analyzed: 03/13/2011 12:08

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155266.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.16	7.86	
UPPER LIMIT				3.19	7.89	
LOWER LIMIT				3.13	7.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
580-24938-39	YK-SB10(0-1)	03/14/2011 01:44	CC155322.D	3.16	7.86	
CCV 580-82183/59		03/14/2011 01:58	CC155323.D	3.16	7.86	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVRT 580-82183/2 Date Analyzed: 03/13/2011 12:08

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm)

Lab File ID (Standard): CC155266.D Heated Purge: (Y/N) N

Calibration ID: 7348

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.21	7.90	
UPPER LIMIT				3.24	7.93	
LOWER LIMIT				3.18	7.87	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82183/2		03/13/2011 12:08	CC155266.D	3.21	7.90	
CCV 580-82183/26		03/13/2011 18:12	CC155290.D	3.21	7.90	
CCV 580-82183/37		03/13/2011 20:47	CC155301.D	3.21	7.90	
CCV 580-82183/49		03/13/2011 23:37	CC155313.D	3.21	7.90	
CCV 580-82183/59		03/14/2011 01:58	CC155323.D	3.21	7.90	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVRT 580-82198/2 Date Analyzed: 03/14/2011 10:23

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155353.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.16	7.86	
UPPER LIMIT				3.19	7.89	
LOWER LIMIT				3.13	7.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82198/2		03/14/2011 10:23	CC155353.D	3.16	7.86	
CCV 580-82198/25		03/14/2011 16:54	CC155376.D	3.16	7.85	
MB 580-82225/1-A		03/14/2011 17:08	CC155377.D	3.16	7.86	
LCS 580-82225/2-A		03/14/2011 17:23	CC155378.D	3.16	7.86	
580-24938-1 RE	YK-SB08(0-1) RE	03/14/2011 17:37	CC155379.D	3.16	7.86	
580-24938-1 MS	YK-SB08(0-1) MS	03/14/2011 17:51	CC155380.D	3.16	7.86	
580-24938-1 MSD	YK-SB08(0-1) MSD	03/14/2011 18:05	CC155381.D	3.16	7.86	
580-24938-2 RE	YK-SB08(4-5) RE	03/14/2011 18:19	CC155382.D	3.16	7.86	
580-24938-3 RE	YK-SB14(0-1) RE	03/14/2011 18:33	CC155383.D	3.16	7.86	
580-24938-4 RE	YK-SB14(4-5) RE	03/14/2011 18:47	CC155384.D	3.16	7.86	
580-24938-5 RE	YK-SB06(0-1) RE	03/14/2011 19:02	CC155385.D	3.16	7.86	
580-24938-6 RE	YK-SB06(4-5) RE	03/14/2011 19:16	CC155386.D	3.16	7.86	
CCV 580-82198/36		03/14/2011 19:30	CC155387.D	3.16	7.86	
580-24938-10 RE	YK-MW-6(4-5) RE	03/14/2011 19:58	CC155389.D	3.16	7.86	
580-24938-11 RE	YK-MW-6(4-5)D RE	03/14/2011 20:12	CC155390.D	3.16	7.86	
580-24938-12 RE	YK-SB07(0-1) RE	03/14/2011 20:26	CC155391.D	3.16	7.86	
580-24938-13 RE	YK-MW-7(0-1) RE	03/14/2011 20:40	CC155392.D	3.16	7.86	
580-24938-14 RE	YK-MW-7(4-5) RE	03/14/2011 20:55	CC155393.D	3.16	7.86	
580-24938-15 RE	YK-MW-5(0-1) RE	03/14/2011 21:09	CC155394.D	3.16	7.86	
580-24938-16 RE	YK-MW-5(2-3) RE	03/14/2011 21:23	CC155395.D	3.16	7.86	
580-24938-17 RE	YK-SB16(0-1) RE	03/14/2011 21:37	CC155396.D	3.16	7.85	
580-24938-18 RE	YK-SB16(3-4) RE	03/14/2011 21:51	CC155397.D	3.16	7.86	
580-24938-19 RE	YK-SB17(0-1) RE	03/14/2011 22:05	CC155398.D	3.16	7.86	
CCV 580-82198/48		03/14/2011 22:20	CC155399.D	3.16	7.86	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVRT 580-82198/2 Date Analyzed: 03/14/2011 10:23

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm)

Lab File ID (Standard): CC155353.D Heated Purge: (Y/N) N

Calibration ID: 7348

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.21	7.90	
UPPER LIMIT				3.24	7.93	
LOWER LIMIT				3.18	7.87	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82198/2		03/14/2011 10:23	CC155353.D	3.21	7.90	
CCV 580-82198/25		03/14/2011 16:54	CC155376.D	3.21	7.90	
CCV 580-82198/36		03/14/2011 19:30	CC155387.D	3.21	7.90	
CCV 580-82198/48		03/14/2011 22:20	CC155399.D	3.21	7.90	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVRT 580-82292/2 Date Analyzed: 03/15/2011 10:08

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155405.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.16	7.86	
UPPER LIMIT				3.19	7.89	
LOWER LIMIT				3.13	7.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82292/2		03/15/2011 10:08	CC155405.D	3.16	7.86	
CCV 580-82292/15		03/15/2011 13:18	CC155418.D	3.16	7.86	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Sample No.: CCVRT 580-82292/2 Date Analyzed: 03/15/2011 10:08

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm)

Lab File ID (Standard): CC155405.D Heated Purge: (Y/N) N

Calibration ID: 7348

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.21	7.90	
UPPER LIMIT				3.24	7.93	
LOWER LIMIT				3.18	7.87	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82292/2		03/15/2011 10:08	CC155405.D	3.21	7.90	
580-24938-7	YK-SB15(0-1)	03/15/2011 10:56	CC155408.D	3.21	7.90	
580-24938-8	YK-SB15(4-5)	03/15/2011 11:10	CC155409.D	3.21	7.90	
580-24938-20	YK-SB17(0-1)D	03/15/2011 11:25	CC155410.D	3.21	7.90	
CCV 580-82292/15		03/15/2011 13:18	CC155418.D	3.21	7.90	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) MS Lab Sample ID: 580-24938-1 MS

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/14/2011 17:51 Date Analyzed (2): 03/14/2011 17:51

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.88	3.85	3.91	0.0881	0.0948	11.4
		2	4.09	4.06	4.12	0.0993		
		3	4.36	4.33	4.39	0.0980		
		4	4.60	4.57	4.63	0.0986		
		5	4.82	4.79	4.85	0.0898		
	2	1	3.91	3.87	3.93	0.102	0.106	
		2	4.10	4.07	4.13	0.112		
		3	4.40	4.37	4.43	0.115		
		4	4.67	4.63	4.69	0.101		
		5	4.85	4.82	4.88	0.100		
PCB-1260	1	1	5.83	5.80	5.86	0.0930	0.0910	9.1
		2	6.02	5.99	6.05	0.0906		
		3	6.30	6.27	6.33	0.0795		
		4	6.78	6.75	6.81	0.0976		
		5	7.07	7.04	7.10	0.0944		
	2	1	5.89	5.86	5.92	0.100	0.0997	
		2	6.13	6.10	6.16	0.110		
		3	6.36	6.33	6.39	0.0881		
		4	6.88	6.84	6.90	0.102		
		5	7.09	7.06	7.12	0.0990		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) MSD Lab Sample ID: 580-24938-1 MSD

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/14/2011 18:05 Date Analyzed (2): 03/14/2011 18:05

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.88	3.85	3.91	0.0876	0.0932	9.8
		2	4.09	4.06	4.12	0.0975		
		3	4.36	4.33	4.39	0.0938		
		4	4.60	4.57	4.63	0.101		
		5	4.82	4.79	4.85	0.0863		
	2	1	3.91	3.87	3.93	0.100	0.103	
		2	4.10	4.07	4.13	0.111		
		3	4.40	4.37	4.43	0.111		
		4	4.67	4.63	4.69	0.0970		
		5	4.85	4.82	4.88	0.0945		
PCB-1260	1	1	5.83	5.80	5.86	0.0912	0.0874	15.2
		2	6.01	5.99	6.05	0.0884		
		3	6.30	6.27	6.33	0.0759		
		4	6.78	6.75	6.81	0.0890		
		5	7.07	7.04	7.10	0.0925		
	2	1	5.89	5.86	5.92	0.0987	0.102	
		2	6.13	6.10	6.16	0.103		
		3	6.36	6.33	6.39	0.108		
		4	6.88	6.84	6.90	0.102		
		5	7.09	7.06	7.12	0.0965		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1)D Lab Sample ID: 580-24938-20

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/15/2011 11:25 Date Analyzed (2): 03/15/2011 11:25

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	1	5.18	5.15	5.21	0.0288	0.047	45.3
		2	5.33	5.30	5.36	0.0485		
		3	5.71	5.68	5.74	0.0669		
		4	5.93	5.89	5.95	0.0317		
		5	6.30	6.28	6.34	0.0573		
	2	1	5.23	5.18	5.24	0.0200	0.029	
		2	5.42	5.39	5.45	0.0172		
		3	5.74	5.71	5.77	0.0440		
		4	6.00	5.97	6.03	0.0168		
		5	6.36	6.33	6.39	0.0490		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) MS Lab Sample ID: 580-24938-23 MS

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/13/2011 21:16 Date Analyzed (2): 03/13/2011 21:16

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.89	3.85	3.91	0.0885	0.0922	5.4
		2	4.09	4.06	4.12	0.0980		
		3	4.36	4.33	4.39	0.0962		
		4	4.60	4.57	4.63	0.0907		
		5	4.82	4.79	4.85	0.0876		
	2	1	3.90	3.87	3.93	0.0965	0.0973	
		2	4.10	4.07	4.13	0.102		
		3	4.40	4.37	4.43	0.102		
		4	4.67	4.63	4.69	0.0917		
		5	4.85	4.82	4.88	0.0946		
PCB-1260	1	1	5.83	5.81	5.87	0.0864	0.0878	2.1
		2	6.02	5.99	6.05	0.0882		
		3	6.30	6.27	6.33	0.0789		
		4	6.78	6.75	6.81	0.0944		
		5	7.07	7.04	7.10	0.0909		
	2	1	5.89	5.86	5.92	0.0906	0.0896	
		2	6.13	6.10	6.16	0.0833		
		3	6.36	6.32	6.38	0.0854		
		4	6.87	6.84	6.90	0.0934		
		5	7.09	7.06	7.12	0.0952		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) MSD Lab Sample ID: 580-24938-23 MSD

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/13/2011 21:30 Date Analyzed (2): 03/13/2011 21:30

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.88	3.85	3.91	0.0952	0.100	6.6
		2	4.09	4.06	4.12	0.103		
		3	4.36	4.33	4.39	0.103		
		4	4.60	4.57	4.63	0.101		
		5	4.82	4.79	4.85	0.0970		
	2	1	3.91	3.87	3.93	0.105	0.107	
		2	4.10	4.07	4.13	0.113		
		3	4.40	4.37	4.43	0.112		
		4	4.67	4.63	4.69	0.101		
		5	4.85	4.82	4.88	0.104		
PCB-1260	1	1	5.83	5.81	5.87	0.0963	0.0977	5.9
		2	6.02	5.99	6.05	0.0977		
		3	6.30	6.27	6.33	0.0878		
		4	6.78	6.75	6.81	0.105		
		5	7.07	7.04	7.10	0.102		
	2	1	5.89	5.86	5.92	0.103	0.104	
		2	6.13	6.10	6.16	0.0973		
		3	6.36	6.32	6.38	0.106		
		4	6.87	6.84	6.90	0.106		
		5	7.09	7.06	7.12	0.107		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(0-1) Lab Sample ID: 580-24938-26

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/13/2011 22:12 Date Analyzed (2): 03/13/2011 22:12

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	5.83	5.81	5.87	0.0266	0.026	6.2
		2	6.01	5.99	6.05	0.0205		
		3	6.31	6.27	6.33	0.0496		
		4	6.78	6.75	6.81	0.0140		
		5	7.07	7.04	7.10	0.0171		
	2	1	5.89	5.86	5.92	0.0247	0.027	
		2	6.13	6.10	6.16	0.0431		
		3	6.36	6.32	6.38	0.0347		
		4	6.87	6.84	6.90	0.0141		
		5	7.09	7.06	7.12	0.0195		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82167/2-A

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/13/2011 19:37 Date Analyzed (2): 03/13/2011 19:37

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.89	3.85	3.91	0.0817	0.0900	0.5
		2	4.09	4.06	4.12	0.0963		
		3	4.36	4.33	4.39	0.0950		
		4	4.60	4.57	4.63	0.0924		
		5	4.82	4.79	4.85	0.0846		
	2	1	3.91	3.87	3.93	0.0880	0.0895	
		2	4.10	4.07	4.13	0.0912		
		3	4.40	4.37	4.43	0.0938		
		4	4.67	4.63	4.69	0.0851		
		5	4.85	4.82	4.88	0.0895		
PCB-1260	1	1	5.83	5.81	5.87	0.0870	0.0907	3.3
		2	6.02	5.99	6.05	0.0909		
		3	6.30	6.27	6.33	0.0824		
		4	6.78	6.75	6.81	0.0987		
		5	7.07	7.04	7.10	0.0946		
	2	1	5.89	5.86	5.92	0.0922	0.0938	
		2	6.13	6.10	6.16	0.0900		
		3	6.36	6.32	6.38	0.0916		
		4	6.87	6.84	6.90	0.0990		
		5	7.09	7.06	7.12	0.0960		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 580-82167/3-A

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/13/2011 19:51 Date Analyzed (2): 03/13/2011 19:51

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.89	3.85	3.91	0.0735	0.0807	1.6
		2	4.09	4.06	4.12	0.0864		
		3	4.36	4.33	4.39	0.0841		
		4	4.60	4.57	4.63	0.0823		
		5	4.82	4.79	4.85	0.0771		
	2	1	3.90	3.87	3.93	0.0760	0.0794	
		2	4.10	4.07	4.13	0.0810		
		3	4.40	4.37	4.43	0.0806		
		4	4.67	4.63	4.69	0.0779		
		5	4.85	4.82	4.88	0.0816		
PCB-1260	1	1	5.83	5.81	5.87	0.0807	0.0847	2.3
		2	6.02	5.99	6.05	0.0871		
		3	6.30	6.27	6.33	0.0768		
		4	6.78	6.75	6.81	0.0909		
		5	7.07	7.04	7.10	0.0880		
	2	1	5.89	5.86	5.92	0.0824	0.0867	
		2	6.13	6.10	6.16	0.0821		
		3	6.36	6.32	6.38	0.0847		
		4	6.87	6.84	6.90	0.0924		
		5	7.09	7.06	7.12	0.0919		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82225/2-A

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/14/2011 17:23 Date Analyzed (2): 03/14/2011 17:23

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.88	3.85	3.91	0.0761	0.0826	8.5
		2	4.09	4.06	4.12	0.0857		
		3	4.36	4.33	4.39	0.0858		
		4	4.60	4.57	4.63	0.0894		
		5	4.82	4.79	4.85	0.0760		
	2	1	3.91	3.87	3.93	0.0815	0.0899	
		2	4.10	4.07	4.13	0.0944		
		3	4.40	4.37	4.43	0.101		
		4	4.67	4.63	4.69	0.0875		
		5	4.85	4.82	4.88	0.0854		
PCB-1260	1	1	5.83	5.80	5.86	0.0886	0.0914	5.6
		2	6.01	5.99	6.05	0.0936		
		3	6.30	6.27	6.33	0.0757		
		4	6.78	6.75	6.81	0.103		
		5	7.07	7.04	7.10	0.0965		
	2	1	5.89	5.86	5.92	0.0936	0.0966	
		2	6.13	6.10	6.16	0.0896		
		3	6.36	6.33	6.39	0.0965		
		4	6.88	6.84	6.90	0.105		
		5	7.09	7.06	7.12	0.0988		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) RE | Lab Sample ID: 580-24938-1 RE

Matrix: Solid | Lab File ID: CC155379.D

Analysis Method: 8082 | Date Collected: 03/10/2011 15:30

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.2798(g) | Date Analyzed: 03/14/2011 17:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0098
11141-16-5	PCB-1232	ND		0.012	0.0086
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	44	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	51	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(4-5) RE | Lab Sample ID: 580-24938-2 RE

Matrix: Solid | Lab File ID: CC155382.D

Analysis Method: 8082 | Date Collected: 03/10/2011 15:40

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.3681(g) | Date Analyzed: 03/14/2011 18:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0089
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	38	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	41	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(0-1) RE | Lab Sample ID: 580-24938-3 RE

Matrix: Solid | Lab File ID: CC155383.D

Analysis Method: 8082 | Date Collected: 03/10/2011 16:04

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.5220(g) | Date Analyzed: 03/14/2011 18:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0040
11104-28-2	PCB-1221	ND		0.012	0.010
11141-16-5	PCB-1232	ND		0.012	0.0087
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	20	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	25	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB14(4-5) RE | Lab Sample ID: 580-24938-4 RE

Matrix: Solid | Lab File ID: CC155384.D

Analysis Method: 8082 | Date Collected: 03/10/2011 16:15

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.2248(g) | Date Analyzed: 03/14/2011 18:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 32.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.014	0.0046
11104-28-2	PCB-1221	ND		0.014	0.012
11141-16-5	PCB-1232	ND		0.014	0.010
53469-21-9	PCB-1242	ND		0.014	0.0030
12672-29-6	PCB-1248	ND		0.014	0.0043
11097-69-1	PCB-1254	ND		0.014	0.0030
11096-82-5	PCB-1260	ND		0.014	0.0043

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	16	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	18	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(0-1) RE | Lab Sample ID: 580-24938-5 RE

Matrix: Solid | Lab File ID: CC155385.D

Analysis Method: 8082 | Date Collected: 03/10/2011 16:40

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.5956(g) | Date Analyzed: 03/14/2011 19:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 19.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0037
11104-28-2	PCB-1221	ND		0.012	0.0094
11141-16-5	PCB-1232	ND		0.012	0.0082
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0035
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0035

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	38	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	29	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB06(4-5) RE | Lab Sample ID: 580-24938-6 RE

Matrix: Solid | Lab File ID: CC155386.D

Analysis Method: 8082 | Date Collected: 03/10/2011 16:50

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.0923(g) | Date Analyzed: 03/14/2011 19:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 22.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0090
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	60		45-155
2051-24-3	DCB Decachlorobiphenyl	51	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(0-1) | Lab Sample ID: 580-24938-7

Matrix: Solid | Lab File ID: CC155408.D

Analysis Method: 8082 | Date Collected: 03/10/2011 17:10

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.1565(g) | Date Analyzed: 03/15/2011 10:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: 20.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0040
11104-28-2	PCB-1221	ND		0.012	0.0099
11141-16-5	PCB-1232	ND		0.012	0.0087
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	43	I X	45-155
2051-24-3	DCB Decachlorobiphenyl	36	I X	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB15(4-5) | Lab Sample ID: 580-24938-8

Matrix: Solid | Lab File ID: CC155409.D

Analysis Method: 8082 | Date Collected: 03/10/2011 17:25

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.3859(g) | Date Analyzed: 03/15/2011 11:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0097
11141-16-5	PCB-1232	ND		0.012	0.0085
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		45-155
2051-24-3	DCB Decachlorobiphenyl	47	I X	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5) RE | Lab Sample ID: 580-24938-10 RE

Matrix: Solid | Lab File ID: CC155389.D

Analysis Method: 8082 | Date Collected: 03/11/2011 10:20

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.3717(g) | Date Analyzed: 03/14/2011 19:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 23.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0040
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0088
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	52		45-155
2051-24-3	DCB Decachlorobiphenyl	46	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(4-5)D RE Lab Sample ID: 580-24938-11 RE

Matrix: Solid Lab File ID: CC155390.D

Analysis Method: 8082 Date Collected: 03/11/2011 10:21

Extraction Method: 3550B Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.5599(g) Date Analyzed: 03/14/2011 20:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 29.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0043
11104-28-2	PCB-1221	ND		0.013	0.011
11141-16-5	PCB-1232	ND		0.013	0.0094
53469-21-9	PCB-1242	ND		0.013	0.0028
12672-29-6	PCB-1248	ND		0.013	0.0040
11097-69-1	PCB-1254	ND		0.013	0.0028
11096-82-5	PCB-1260	ND		0.013	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	41	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	46	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(0-1) RE | Lab Sample ID: 580-24938-12 RE

Matrix: Solid | Lab File ID: CC155391.D

Analysis Method: 8082 | Date Collected: 03/11/2011 10:45

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.3249(g) | Date Analyzed: 03/14/2011 20:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0090
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0039
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	45		45-155
2051-24-3	DCB Decachlorobiphenyl	22	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(0-1) RE | Lab Sample ID: 580-24938-13 RE

Matrix: Solid | Lab File ID: CC155392.D

Analysis Method: 8082 | Date Collected: 03/11/2011 07:37

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.5787(g) | Date Analyzed: 03/14/2011 20:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0038
11104-28-2	PCB-1221	ND		0.012	0.0095
11141-16-5	PCB-1232	ND		0.012	0.0083
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	45		45-155
2051-24-3	DCB Decachlorobiphenyl	40	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-7(4-5) RE | Lab Sample ID: 580-24938-14 RE

Matrix: Solid | Lab File ID: CC155393.D

Analysis Method: 8082 | Date Collected: 03/11/2011 07:45

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.1887(g) | Date Analyzed: 03/14/2011 20:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0042
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0091
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0039
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	49		45-155
2051-24-3	DCB Decachlorobiphenyl	41	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(0-1) RE | Lab Sample ID: 580-24938-15 RE

Matrix: Solid | Lab File ID: CC155394.D

Analysis Method: 8082 | Date Collected: 03/11/2011 08:30

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.7222(g) | Date Analyzed: 03/14/2011 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 19.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0037
11104-28-2	PCB-1221	ND		0.012	0.0092
11141-16-5	PCB-1232	ND		0.012	0.0081
53469-21-9	PCB-1242	ND		0.012	0.0024
12672-29-6	PCB-1248	ND		0.012	0.0035
11097-69-1	PCB-1254	ND		0.012	0.0024
11096-82-5	PCB-1260	ND		0.012	0.0035

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	54		45-155
2051-24-3	DCB Decachlorobiphenyl	53	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-5(2-3) RE | Lab Sample ID: 580-24938-16 RE

Matrix: Solid | Lab File ID: CC155395.D

Analysis Method: 8082 | Date Collected: 03/11/2011 08:35

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.2641(g) | Date Analyzed: 03/14/2011 21:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 25.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0042
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0091
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0039
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57		45-155
2051-24-3	DCB Decachlorobiphenyl	47	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(0-1) RE | Lab Sample ID: 580-24938-17 RE

Matrix: Solid | Lab File ID: CC155396.D

Analysis Method: 8082 | Date Collected: 03/11/2011 08:45

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.7239(g) | Date Analyzed: 03/14/2011 21:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 26.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0089
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	46		45-155
2051-24-3	DCB Decachlorobiphenyl	47	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB16(3-4) RE | Lab Sample ID: 580-24938-18 RE

Matrix: Solid | Lab File ID: CC155397.D

Analysis Method: 8082 | Date Collected: 03/11/2011 09:00

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.6999(g) | Date Analyzed: 03/14/2011 21:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 22.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0097
11141-16-5	PCB-1232	ND		0.012	0.0085
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		45-155
2051-24-3	DCB Decachlorobiphenyl	67		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1) RE Lab Sample ID: 580-24938-19 RE

Matrix: Solid Lab File ID: CC155398.D

Analysis Method: 8082 Date Collected: 03/11/2011 09:20

Extraction Method: 3550B Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.6359(g) Date Analyzed: 03/14/2011 22:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 22.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0098
11141-16-5	PCB-1232	ND		0.012	0.0085
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	37	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	36	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(0-1)D | Lab Sample ID: 580-24938-20

Matrix: Solid | Lab File ID: CC155410.D

Analysis Method: 8082 | Date Collected: 03/11/2011 09:21

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.4458(g) | Date Analyzed: 03/15/2011 11:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0096
11141-16-5	PCB-1232	ND		0.012	0.0084
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	0.029		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	60		45-155
2051-24-3	DCB Decachlorobiphenyl	47	I X	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB17(3-4) | Lab Sample ID: 580-24938-21

Matrix: Solid | Lab File ID: CC155298.D

Analysis Method: 8082 | Date Collected: 03/11/2011 09:30

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.2348(g) | Date Analyzed: 03/13/2011 20:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 31.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.014	0.0046
11104-28-2	PCB-1221	ND		0.014	0.011
11141-16-5	PCB-1232	ND		0.014	0.010
53469-21-9	PCB-1242	ND		0.014	0.0030
12672-29-6	PCB-1248	ND		0.014	0.0043
11097-69-1	PCB-1254	ND		0.014	0.0030
11096-82-5	PCB-1260	ND		0.014	0.0043

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	47		45-155
2051-24-3	DCB Decachlorobiphenyl	56	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(0-1) | Lab Sample ID: 580-24938-22

Matrix: Solid | Lab File ID: CC155299.D

Analysis Method: 8082 | Date Collected: 03/11/2011 09:45

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.4193(g) | Date Analyzed: 03/13/2011 20:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0097
11141-16-5	PCB-1232	ND		0.012	0.0085
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57		45-155
2051-24-3	DCB Decachlorobiphenyl	58	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) | Lab Sample ID: 580-24938-23

Matrix: Solid | Lab File ID: CC155300.D

Analysis Method: 8082 | Date Collected: 03/11/2011 09:50

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.3713(g) | Date Analyzed: 03/13/2011 20:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0089
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		45-155
2051-24-3	DCB Decachlorobiphenyl	64		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-MW-6(0-1) Lab Sample ID: 580-24938-24

Matrix: Solid Lab File ID: CC155305.D

Analysis Method: 8082 Date Collected: 03/11/2011 10:15

Extraction Method: 3550B Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.1733(g) Date Analyzed: 03/13/2011 21:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 22.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0089
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	45		45-155
2051-24-3	DCB Decachlorobiphenyl	46	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB07(3-4) | Lab Sample ID: 580-24938-25

Matrix: Solid | Lab File ID: CC155306.D

Analysis Method: 8082 | Date Collected: 03/11/2011 10:55

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.4299(g) | Date Analyzed: 03/13/2011 21:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0089
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	39	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	44	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(0-1) Lab Sample ID: 580-24938-26

Matrix: Solid Lab File ID: CC155307.D

Analysis Method: 8082 Date Collected: 03/11/2011 11:05

Extraction Method: 3550B Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.0369(g) Date Analyzed: 03/13/2011 22:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0040
11104-28-2	PCB-1221	ND		0.012	0.010
11141-16-5	PCB-1232	ND		0.012	0.0087
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	0.026		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57		45-155
2051-24-3	DCB Decachlorobiphenyl	57	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB01(4-5) Lab Sample ID: 580-24938-27

Matrix: Solid Lab File ID: CC155308.D

Analysis Method: 8082 Date Collected: 03/11/2011 11:15

Extraction Method: 3550B Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.1983(g) Date Analyzed: 03/13/2011 22:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0098
11141-16-5	PCB-1232	ND		0.012	0.0086
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	ND		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	65		45-155
2051-24-3	DCB Decachlorobiphenyl	45	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(0-1) Lab Sample ID: 580-24938-28

Matrix: Solid Lab File ID: CC155309.D

Analysis Method: 8082 Date Collected: 03/11/2011 11:30

Extraction Method: 3550B Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.2510(g) Date Analyzed: 03/13/2011 22:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 14.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.011	0.0037
11104-28-2	PCB-1221	ND		0.011	0.0092
11141-16-5	PCB-1232	ND		0.011	0.0080
53469-21-9	PCB-1242	ND		0.011	0.0024
12672-29-6	PCB-1248	ND		0.011	0.0034
11097-69-1	PCB-1254	ND		0.011	0.0024
11096-82-5	PCB-1260	ND		0.011	0.0034

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		45-155
2051-24-3	DCB Decachlorobiphenyl	50	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB02(3-4) | Lab Sample ID: 580-24938-29

Matrix: Solid | Lab File ID: CC155310.D

Analysis Method: 8082 | Date Collected: 03/11/2011 11:40

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.1571(g) | Date Analyzed: 03/13/2011 22:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 17.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0038
11104-28-2	PCB-1221	ND		0.012	0.0096
11141-16-5	PCB-1232	ND		0.012	0.0084
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66		45-155
2051-24-3	DCB Decachlorobiphenyl	49	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(0-1) | Lab Sample ID: 580-24938-30

Matrix: Solid | Lab File ID: CC155311.D

Analysis Method: 8082 | Date Collected: 03/11/2011 12:05

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.2370(g) | Date Analyzed: 03/13/2011 23:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 17.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0038
11104-28-2	PCB-1221	ND		0.012	0.0095
11141-16-5	PCB-1232	ND		0.012	0.0083
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		45-155
2051-24-3	DCB Decachlorobiphenyl	50	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB03(3-4) | Lab Sample ID: 580-24938-31

Matrix: Solid | Lab File ID: CC155312.D

Analysis Method: 8082 | Date Collected: 03/11/2011 12:15

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.3927(g) | Date Analyzed: 03/13/2011 23:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0097
11141-16-5	PCB-1232	ND		0.012	0.0085
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	41	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	40	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(0-1) Lab Sample ID: 580-24938-32

Matrix: Solid Lab File ID: CC155315.D

Analysis Method: 8082 Date Collected: 03/11/2011 12:26

Extraction Method: 3550B Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.2248(g) Date Analyzed: 03/14/2011 00:06

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 19.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.012	0.0039
11104-28-2	PCB-1221	ND		0.012	0.0097
11141-16-5	PCB-1232	ND		0.012	0.0085
53469-21-9	PCB-1242	ND		0.012	0.0025
12672-29-6	PCB-1248	ND		0.012	0.0036
11097-69-1	PCB-1254	ND		0.012	0.0025
11096-82-5	PCB-1260	ND		0.012	0.0036

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57		45-155
2051-24-3	DCB Decachlorobiphenyl	47	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB04(4-5) | Lab Sample ID: 580-24938-33

Matrix: Solid | Lab File ID: CC155316.D

Analysis Method: 8082 | Date Collected: 03/11/2011 12:30

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.0734(g) | Date Analyzed: 03/14/2011 00:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0091
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0039
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	ND		0.013	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	29	X I	45-155
2051-24-3	DCB Decachlorobiphenyl	35	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(0-1) | Lab Sample ID: 580-24938-34

Matrix: Solid | Lab File ID: CC155317.D

Analysis Method: 8082 | Date Collected: 03/11/2011 14:10

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.0755(g) | Date Analyzed: 03/14/2011 00:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.011	0.0035
11104-28-2	PCB-1221	ND		0.011	0.0087
11141-16-5	PCB-1232	ND		0.011	0.0076
53469-21-9	PCB-1242	ND		0.011	0.0023
12672-29-6	PCB-1248	ND		0.011	0.0032
11097-69-1	PCB-1254	ND		0.011	0.0023
11096-82-5	PCB-1260	ND		0.011	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		45-155
2051-24-3	DCB Decachlorobiphenyl	75		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB13(7-8) | Lab Sample ID: 580-24938-35

Matrix: Solid | Lab File ID: CC155318.D

Analysis Method: 8082 | Date Collected: 03/11/2011 14:30

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.2532(g) | Date Analyzed: 03/14/2011 00:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0040
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0088
53469-21-9	PCB-1242	ND		0.013	0.0026
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0026
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		45-155
2051-24-3	DCB Decachlorobiphenyl	73		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(0-1) | Lab Sample ID: 580-24938-36

Matrix: Solid | Lab File ID: CC155319.D

Analysis Method: 8082 | Date Collected: 03/11/2011 17:30

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.2187(g) | Date Analyzed: 03/14/2011 01:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 2.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.010	0.0032
11104-28-2	PCB-1221	ND		0.010	0.0081
11141-16-5	PCB-1232	ND		0.010	0.0071
53469-21-9	PCB-1242	ND		0.010	0.0021
12672-29-6	PCB-1248	ND		0.010	0.0030
11097-69-1	PCB-1254	ND		0.010	0.0021
11096-82-5	PCB-1260	ND		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		45-155
2051-24-3	DCB Decachlorobiphenyl	93		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB11(3-4) Lab Sample ID: 580-24938-37

Matrix: Solid Lab File ID: CC155320.D

Analysis Method: 8082 Date Collected: 03/11/2011 17:50

Extraction Method: 3550B Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.3902(g) Date Analyzed: 03/14/2011 01:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 7.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.010	0.0033
11104-28-2	PCB-1221	ND		0.010	0.0083
11141-16-5	PCB-1232	ND		0.010	0.0072
53469-21-9	PCB-1242	ND		0.010	0.0022
12672-29-6	PCB-1248	ND		0.010	0.0031
11097-69-1	PCB-1254	ND		0.010	0.0022
11096-82-5	PCB-1260	ND		0.010	0.0031

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		45-155
2051-24-3	DCB Decachlorobiphenyl	57	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB12(0-1) Lab Sample ID: 580-24938-38

Matrix: Solid Lab File ID: CC155321.D

Analysis Method: 8082 Date Collected: 03/11/2011 17:55

Extraction Method: 3550B Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.1390(g) Date Analyzed: 03/14/2011 01:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 7.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.011	0.0034
11104-28-2	PCB-1221	ND		0.011	0.0085
11141-16-5	PCB-1232	ND		0.011	0.0074
53469-21-9	PCB-1242	ND		0.011	0.0022
12672-29-6	PCB-1248	ND		0.011	0.0032
11097-69-1	PCB-1254	ND		0.011	0.0022
11096-82-5	PCB-1260	ND		0.011	0.0032

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		45-155
2051-24-3	DCB Decachlorobiphenyl	82		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB10(0-1) | Lab Sample ID: 580-24938-39

Matrix: Solid | Lab File ID: CC155322.D

Analysis Method: 8082 | Date Collected: 03/11/2011 18:17

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.0495(g) | Date Analyzed: 03/14/2011 01:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 3.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.010	0.0033
11104-28-2	PCB-1221	ND		0.010	0.0082
11141-16-5	PCB-1232	ND		0.010	0.0072
53469-21-9	PCB-1242	ND		0.010	0.0022
12672-29-6	PCB-1248	ND		0.010	0.0031
11097-69-1	PCB-1254	ND		0.010	0.0022
11096-82-5	PCB-1260	ND		0.010	0.0031

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		45-155
2051-24-3	DCB Decachlorobiphenyl	90		60-125

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	3.888	3.888	3.888	3.889	3.889	3.889					3.859 - 3.919	3.889
PCB-1016 Peak 2	4.095	4.094	4.095	4.095	4.095	4.095					4.065 - 4.125	4.095
PCB-1016 Peak 3	4.361	4.362	4.362	4.362	4.362	4.362					4.332 - 4.392	4.362
PCB-1016 Peak 4	4.607	4.607	4.608	4.607	4.608	4.607					4.577 - 4.637	4.607
PCB-1016 Peak 5	4.820	4.820	4.820	4.821	4.820	4.820					4.791 - 4.851	4.820
PCB-1260 Peak 1	5.839	5.838	5.839	5.839	5.839	5.838					5.809 - 5.869	5.839
PCB-1260 Peak 2	6.020	6.020	6.019	6.020	6.020	6.019					5.990 - 6.050	6.020
PCB-1260 Peak 3	6.309	6.307	6.308	6.307	6.308	6.307					6.277 - 6.337	6.308
PCB-1260 Peak 4	6.788	6.787	6.788	6.787	6.788	6.787					6.757 - 6.817	6.788
PCB-1260 Peak 5	7.073	7.073	7.073	7.073	7.072	7.072					7.043 - 7.103	7.073
Tetrachloro-m-xylene	3.164	3.164	3.165	3.164	3.165	3.165					3.134 - 3.194	3.165
DCB Decachlorobiphenyl	7.865	7.864	7.864	7.863	7.863	7.863					7.833 - 7.893	7.864

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	27875 23662	29249 22349	27926	25407	Ave		26077.9825				10.0		20.0			
PCB-1016 Peak 2	25470 23835	28208 23859	28476	26083	Ave		25988.5232				7.8		20.0			
PCB-1016 Peak 3	44139 45800	48776 48544	48176	45709	Ave		46857.3058				4.1		20.0			
PCB-1016 Peak 4	30188 20371	28616 19962	25331	22636	Lin1	146717.885	20042.4427							0.9990		0.9900
PCB-1016 Peak 5	28230 24461	28864 24812	28107	26022	Ave		26749.3283				7.1		20.0			
PCB-1260 Peak 1	54758 47041	56238 49045	54450	49613	Ave		51857.3725				7.2		20.0			
PCB-1260 Peak 2	63841 53744	67286 57540	63951	58499	Lin1	148493.329	56281.1935							0.9980		0.9900
PCB-1260 Peak 3	95588 69471	84876 68523	80617	74463	Lin1	336012.896	68674.7075							1.0000		0.9900
PCB-1260 Peak 4	85240 86394	96282 94447	95439	89482	Ave		91214.1143				5.3		20.0			
PCB-1260 Peak 5	73846 64476	77147 69507	73132	68068	Ave		71029.2453				6.4		20.0			
Tetrachloro-m-xylene	974326 1038918	1044749 1082110	1045053	1002126	Ave		1031213.94				3.7		20.0			
DCB Decachlorobiphenyl	1093816 690856	897216 711357	806485	750891	Lin1	409136.133	700316.918							1.0000		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	278750 22349291	584984	1396287	2540653	11831067	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 2	Ave	254704 23858617	564163	1423803	2608289	11917511	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 3	Ave	441393 48543663	975524	2408778	4570926	22899926	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 4	Lin1	301883 19961739	572319	1266546	2263609	10185515	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 5	Ave	282303 24811804	577282	1405358	2602199	12230308	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 1	Ave	547582 49044991	1124750	2722489	4961312	23520322	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 2	Lin1	638411 57539516	1345720	3197554	5849927	26872237	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 3	Lin1	955877 68523469	1697528	4030842	7446307	34735563	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 4	Ave	852404 94446622	1925631	4771966	8948240	43197197	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 5	Ave	738457 69507418	1542931	3656596	6806752	32238182	10.0 1000	20.0	50.0	100	500
Tetrachloro-m-xylene	Ave	974414 108220747	2089686	5225737	10022166	51950600	1.00 100	2.00	5.00	10.0	50.0
DCB Decachlorobiphenyl	Lin1	1093816 71135663	1794432	4032424	7508909	34542815	1.00 100	2.00	5.00	10.0	50.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	3.902	3.903	3.905	3.905	3.905	3.905					3.875 - 3.935	3.904
PCB-1016 Peak 2	4.097	4.097	4.099	4.099	4.099	4.099					4.069 - 4.129	4.098
PCB-1016 Peak 3	4.400	4.400	4.401	4.401	4.401	4.401					4.371 - 4.431	4.401
PCB-1016 Peak 4	4.663	4.663	4.664	4.665	4.665	4.665					4.635 - 4.695	4.664
PCB-1016 Peak 5	4.847	4.848	4.849	4.850	4.850	4.850					4.820 - 4.880	4.849
PCB-1260 Peak 1	5.887	5.888	5.889	5.889	5.889	5.889					5.859 - 5.919	5.889
PCB-1260 Peak 2	6.124	6.125	6.126	6.127	6.126	6.126					6.097 - 6.157	6.126
PCB-1260 Peak 3	6.354	6.354	6.355	6.355	6.355	6.355					6.325 - 6.385	6.355
PCB-1260 Peak 4	6.871	6.872	6.873	6.873	6.873	6.873					6.843 - 6.903	6.873
PCB-1260 Peak 5	7.091	7.091	7.092	7.092	7.092	7.092					7.062 - 7.122	7.092
Tetrachloro-m-xylene	3.208	3.209	3.210	3.210	3.210	3.211					3.180 - 3.240	3.210
DCB Decachlorobiphenyl	7.897	7.897	7.898	7.898	7.898	7.897					7.868 - 7.928	7.898

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	68184 55971	72257 56169	68813	63083	Ave		64079.5843				11.0		20.0			
PCB-1016 Peak 2	78693 56667	76902 57396	69462	64227	Lin1	331269.410	57120.7337							0.9990		0.9900
PCB-1016 Peak 3	120813 117495	132595 126187	132571	125070	Ave		125788.470				4.9		20.0			
PCB-1016 Peak 4	49239 39753	52165 41816	51427	47205	Ave		46933.9233				11.0		20.0			
PCB-1016 Peak 5	58853 52215	63745 53709	62424	57903	Ave		58141.4443				7.9		20.0			
PCB-1260 Peak 1	115669 106137	124339 109877	121637	111227	Ave		114814.417				6.2		20.0			
PCB-1260 Peak 2	208804 164302	197362 172083	189327	171112	Lin1	486089.150	169005.760							0.9990		0.9900
PCB-1260 Peak 3	168957 156422	172897 169161	169668	158041	Ave		165857.466				4.1		20.0			
PCB-1260 Peak 4	208942 205123	228235 220384	220246	206922	Ave		214975.289				4.3		20.0			
PCB-1260 Peak 5	129331 124710	133564 133885	129245	127580	Ave		129718.922				2.7		20.0			
Tetrachloro-m-xylene	2375876 2629839	2614394 2618427	2776373	2650867	Ave		2610962.69				5.0		20.0			
DCB Decachlorobiphenyl	2004490 1885635	2258964 1931649	2137202	1996011	Ave		2035658.48				6.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	681840 56169294	1445136	3440630	6308349	27985661	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 2	Lin1	786925 57396100	1538031	3473104	6422737	28333552	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 3	Ave	1208126 126186742	2651906	6628559	12506998	58747508	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 4	Ave	492387 41816076	1043290	2571349	4720477	19876257	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 5	Ave	588526 53708784	1274903	3121175	5790315	26107741	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 1	Ave	1156691 109876814	2486786	6081863	11122748	53068274	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 2	Lin1	2088038 172082538	3947232	9466360	17111206	82150837	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 3	Ave	1689570 169160554	3457944	8483382	15804057	78210917	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 4	Ave	2089416 220384236	4564699	11012298	20692183	102561579	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 5	Ave	1293313 133884644	2671277	6462225	12757956	62354839	10.0 1000	20.0	50.0	100	500
Tetrachloro-m-xylene	Ave	2376090 261866287	5229259	13883113	26511051	131503798	1.00 100	2.00	5.00	10.0	50.0
DCB Decachlorobiphenyl	Ave	2004490 193164860	4517927	10686012	19960109	94281773	1.00 100	2.00	5.00	10.0	50.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	3.399	3.398	3.398	3.399	3.398	3.398					3.369 - 3.429	3.398
PCB-1221 Peak 2	3.483	3.483	3.483	3.484	3.483	3.483					3.454 - 3.514	3.483
PCB-1221 Peak 3	3.558	3.558	3.559	3.559	3.557	3.558					3.529 - 3.589	3.558
PCB-1254 Peak 1	5.179	5.179	5.179	5.179	5.180	5.179					5.149 - 5.209	5.179
PCB-1254 Peak 2	5.334	5.333	5.334	5.334	5.333	5.333					5.304 - 5.364	5.334
PCB-1254 Peak 3	5.710	5.711	5.711	5.710	5.711	5.710					5.680 - 5.740	5.711
PCB-1254 Peak 4	5.928	5.928	5.928	5.928	5.927	5.927					5.898 - 5.958	5.928
PCB-1254 Peak 5	6.308	6.307	6.308	6.307	6.307	6.307					6.277 - 6.337	6.307

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	11359 11686	11997 10588	12120	11120	Ave		11478.2905				5.0		20.0			
PCB-1221 Peak 2	8905.3 7459.7	7199.2 6747.6	7560.2	7130.4	Lin1	17665.0698	6961.61820							0.9980		0.9900
PCB-1221 Peak 3	29893 26092	28310 24933	28346	27909	Ave		27580.5948				6.4		20.0			
PCB-1254 Peak 1	55626 48077	52597 48682	50580	48924	Ave		50747.4692				5.7		20.0			
PCB-1254 Peak 2	48182 38954	45561 39569	43795	41130	Ave		42865.2110				8.4		20.0			
PCB-1254 Peak 3	61318 59805	62835 61674	59162	59526	Ave		60719.9438				2.4		20.0			
PCB-1254 Peak 4	50615 43531	45982 45188	44897	44255	Ave		45744.5107				5.5		20.0			
PCB-1254 Peak 5	60685 48569	55384 50724	53233	49732	Ave		53054.3935				8.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	113587 10587943	239930	606005	1112027	5843115	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 2	Lin1	89053 6747577	143984	378011	713044	3729840	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 3	Ave	298931 24932501	566205	1417304	2790920	13046219	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 1	Ave	556260 48681609	1051940	2528986	4892362	24038433	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 2	Ave	481824 39568718	911212	2189745	4113028	19477184	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 3	Ave	613175 61673827	1256700	2958120	5952591	29902513	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 4	Ave	506153 45187584	919632	2244828	4425492	21765550	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 5	Ave	606845 50723893	1107678	2661636	4973241	24284469	10.0 1000	20.0	50.0	100	500

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	3.415	3.416	3.415	3.417	3.417	3.416					3.387 - 3.447	3.416
PCB-1221 Peak 2	3.492	3.493	3.493	3.494	3.493	3.493					3.464 - 3.524	3.493
PCB-1221 Peak 3	3.560	3.561	3.560	3.562	3.561	3.561					3.532 - 3.592	3.561
PCB-1254 Peak 1	5.207	5.207	5.208	5.209	5.207	5.207					5.179 - 5.239	5.208
PCB-1254 Peak 2	5.421	5.421	5.421	5.421	5.422	5.421					5.391 - 5.451	5.421
PCB-1254 Peak 3	5.738	5.737	5.738	5.738	5.738	5.738					5.708 - 5.768	5.738
PCB-1254 Peak 4	5.997	5.997	5.997	5.997	5.997	5.997					5.967 - 6.027	5.997
PCB-1254 Peak 5	6.355	6.355	6.355	6.355	6.355	6.356					6.326 - 6.386	6.355

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	36911 27099	32111 25966	30501	27985	Ave		30095.4812				13.0		20.0			
PCB-1221 Peak 2	20314 17050	18891 16310	19245	17369	Ave		18196.3877				8.4		20.0			
PCB-1221 Peak 3	78743 64451	74231 61185	70193	68170	Ave		69495.4135				9.2		20.0			
PCB-1254 Peak 1	101972 76662	92134 80537	89557	77966	Ave		86471.3440				11.0		20.0			
PCB-1254 Peak 2	163638 123051	121599 131363	116065	105346	Ave		126843.537				16.0		20.0			
PCB-1254 Peak 3	155788 131900	143923 137400	143176	132587	Ave		140795.770				6.3		20.0			
PCB-1254 Peak 4	128005 102726	119310 106943	110475	102378	Ave		111639.602				9.1		20.0			
PCB-1254 Peak 5	137750 112313	120563 118455	120046	114483	Ave		120601.615				7.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	369114 25966431	642215	1525049	2798462	13549353	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 2	Ave	203141 16309738	377829	962234	1736878	8524789	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 3	Ave	787425 61185071	1484620	3509642	6816996	32225555	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 1	Ave	1019719 80536872	1842687	4477859	7796608	38330841	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 2	Ave	1636382 131362686	2431983	5803244	10534571	61525297	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 3	Ave	1557882 137400413	2878450	7158819	13258692	65950103	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 4	Ave	1280053 106943230	2386204	5523765	10237788	51362851	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 5	Ave	1377496 118455194	2411264	6002283	11448281	56156613	10.0 1000	20.0	50.0	100	500

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	3.399	3.399	3.398	3.398	3.398	3.398					3.368 - 3.428	3.398
PCB-1232 Peak 2	3.559	3.558	3.558	3.558	3.558	3.558					3.528 - 3.588	3.558
PCB-1232 Peak 3	4.095	4.095	4.094	4.094	4.095	4.094					4.064 - 4.124	4.095
PCB-1232 Peak 4	4.419	4.419	4.419	4.418	4.419	4.418					4.388 - 4.448	4.419
PCB-1232 Peak 5	4.544	4.544	4.544	4.543	4.544	4.544					4.514 - 4.574	4.544
PCB-1262 Peak 1	6.019	6.018	6.018	6.018	6.018	6.017					5.987 - 6.047	6.018
PCB-1262 Peak 2	6.349	6.348	6.348	6.347	6.347	6.348					6.318 - 6.378	6.348
PCB-1262 Peak 3	6.787	6.787	6.787	6.786	6.785	6.786					6.756 - 6.816	6.786
PCB-1262 Peak 4	7.076	7.076	7.076	7.075	7.075	7.076					7.046 - 7.106	7.076
PCB-1262 Peak 5	7.475	7.475	7.475	7.474	7.474	7.475					7.445 - 7.505	7.475

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	8994.0 6897.0	6610.9 7108.6	8264.2	8080.9	Lin1	19164.4721	7074.75010							0.9980		0.9900
PCB-1232 Peak 2	24723 20526	22265 20089	23837	23811	Ave		22541.8913				8.5		20.0			
PCB-1232 Peak 3	11647 11228	10993 11083	12279	13615	Ave		11807.4863				8.5		20.0			
PCB-1232 Peak 4	12253 13555	13179 13371	12255	15510	Ave		13353.6710				8.9		20.0			
PCB-1232 Peak 5	12629 10619	10560 10681	11463	12427	Ave		11396.4503				8.2		20.0			
PCB-1262 Peak 1	48908 42061	42764 41887	47210	49004	Ave		45305.4120				7.6		20.0			
PCB-1262 Peak 2	65420 58858	58508 58873	63977	67989	Ave		62270.8545				6.5		20.0			
PCB-1262 Peak 3	111817 111399	100830 112141	113132	124170	Lin1	-10540.497	112566.316							0.9990		0.9900
PCB-1262 Peak 4	85380 80809	76676 81327	84429	91973	Ave		83432.6947				6.2		20.0			
PCB-1262 Peak 5	37065 35196	32959 35248	37158	40876	Ave		36416.8228				7.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Lin1	89940 7108591	132217	413212	808088	3448519	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 2	Ave	247232 20089252	445304	1191850	2381064	10263028	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 3	Ave	116467 11082618	219866	613961	1361478	5614150	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 4	Ave	122525 13371362	263571	612759	1550968	6777377	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 5	Ave	126294 10680968	211193	573152	1242668	5309482	10.0 1000	20.0	50.0	100	500
PCB-1262 Peak 1	Ave	493966 42305373	863838	2384080	4949416	21240582	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 2	Ave	660740 59461654	1181860	3230849	6866887	29723437	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 3	Lin1	1129356 113262636	2036760	5713150	12541121	56256259	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 4	Ave	862343 82140660	1548855	4263688	9289310	40808780	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 5	Ave	374355 35600050	665777	1876459	4128457	17773898	10.1 1010	20.2	50.5	101	505

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	3.415	3.416	3.416	3.416	3.416	+++++					3.386 - 3.446	3.416
PCB-1232 Peak 2	3.561	3.562	3.561	3.561	3.561	3.561					3.531 - 3.591	3.561
PCB-1232 Peak 3	4.099	4.098	4.098	4.098	4.100	4.098					4.068 - 4.128	4.099
PCB-1232 Peak 4	4.459	4.459	4.459	4.460	4.460	4.459					4.429 - 4.489	4.459
PCB-1232 Peak 5	4.554	4.554	4.553	4.553	4.554	4.553					4.523 - 4.583	4.554
PCB-1262 Peak 1	6.125	6.125	6.125	6.124	6.125	6.125					6.095 - 6.155	6.125
PCB-1262 Peak 2	6.428	6.428	6.428	6.427	6.428	6.428					6.398 - 6.458	6.428
PCB-1262 Peak 3	6.874	6.873	6.873	6.872	6.873	6.873					6.843 - 6.903	6.873
PCB-1262 Peak 4	7.092	7.091	7.091	7.090	7.090	7.091					7.061 - 7.121	7.091
PCB-1262 Peak 5	7.539	7.538	7.539	7.538	7.539	7.538					7.508 - 7.568	7.539

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	14430 16856	26515 +++++	19605	22334	Ave		19948.0480				24.0	*	20.0			
PCB-1232 Peak 2	61663 50136	57868 49904	58197	60200	Ave		56327.8732				9.0		20.0			
PCB-1232 Peak 3	43216 26688	37870 26534	34927	31247	Ave		33413.5835				20.0		20.0			
PCB-1232 Peak 4	37830 31499	33996 31383	37314	37507	Ave		34921.6183				8.7		20.0			
PCB-1232 Peak 5	30679 25790	28878 25514	29351	30244	Ave		28409.4870				7.8		20.0			
PCB-1262 Peak 1	139747 108231	112083 107705	123195	125070	Ave		119338.475				10.0		20.0			
PCB-1262 Peak 2	137613 130766	125377 131307	143639	147901	Ave		136100.660				6.3		20.0			
PCB-1262 Peak 3	266357 269395	244635 271758	277435	300809	Ave		271731.595				6.7		20.0			
PCB-1262 Peak 4	163725 163760	153596 164989	169890	185777	Ave		166956.245				6.4		20.0			
PCB-1262 Peak 5	95547 83730	86140 83664	89078	94603	Ave		88793.6881				5.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	144301 +++++	530307	980225	2233436	8427965	10.0 +++++	20.0	50.0	100	500
PCB-1232 Peak 2	Ave	616628 49904235	1157356	2909839	6019978	25067922	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 3	Ave	432158 26533599	757399	1746357	3124735	13343831	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 4	Ave	378300 31383348	679914	1865723	3750699	15749606	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 5	Ave	306793 25514396	577558	1467544	3024397	12895238	10.0 1000	20.0	50.0	100	500
PCB-1262 Peak 1	Ave	1411440 108781597	2264086	6221354	12632040	54656891	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 2	Ave	1389895 132620275	2532620	7253759	14938009	66036976	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 3	Ave	2690205 274475264	4941635	14010456	30381748	136044677	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 4	Ave	1653625 166638734	3102638	8579439	18763521	82698861	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 5	Ave	965020 84500864	1740032	4498457	9554930	42283423	10.1 1010	20.2	50.5	101	505

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	3.557	3.557	3.558	3.558	3.557	3.558					3.528 - 3.588	3.558
PCB-1242 Peak 2	4.094	4.094	4.094	4.094	4.093	4.094					4.064 - 4.124	4.094
PCB-1242 Peak 3	4.545	4.543	4.543	4.544	4.543	4.544					4.514 - 4.574	4.544
PCB-1242 Peak 4	4.967	4.967	4.966	4.967	4.966	4.967					4.937 - 4.997	4.967
PCB-1242 Peak 5	5.178	5.178	5.178	5.178	5.178	5.178					5.148 - 5.208	5.178

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	24308 14333	16052 13349	16605	16565	Lin1	105659.592	13650.5990							0.9970		0.9900
PCB-1242 Peak 2	20935 19383	22369 18037	22395	23318	Ave		21072.9797				9.6		20.0			
PCB-1242 Peak 3	28793 19316	20849 18101	20892	21469	Ave		21570.0441				17.0		20.0			
PCB-1242 Peak 4	14227 17216	18092 15937	18376	19054	Ave		17150.2575				10.0		20.0			
PCB-1242 Peak 5	22163 23156	24078 21512	24745	25620	Ave		23545.8460				6.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Lin1	243422 13367210	321499	831395	1658827	7176717	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 2	Ave	209645 18062453	448015	1121312	2335098	9704984	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 3	Ave	288332 18126751	417565	1046064	2149917	9671401	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 4	Ave	142466 15959561	362345	920085	1908022	8620138	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 5	Ave	221941 21542605	482234	1238963	2565635	11594423	10.0 1001	20.0	50.1	100	501

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	3.560	3.561	3.561	3.561	3.561	3.562					3.531 - 3.591	3.561
PCB-1242 Peak 2	4.099	4.098	4.098	4.098	4.098	4.099					4.068 - 4.128	4.098
PCB-1242 Peak 3	4.459	4.460	4.460	4.460	4.459	4.459					4.430 - 4.490	4.460
PCB-1242 Peak 4	4.553	4.553	4.553	4.553	4.552	4.553					4.523 - 4.583	4.553
PCB-1242 Peak 5	5.237	5.237	5.236	5.237	5.237	5.237					5.207 - 5.267	5.237

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	55445 34525	40543 32336	40934	41394	Ave		40862.9003				20.0		20.0			
PCB-1242 Peak 2	72774 47148	62440 42890	58327	56528	Ave		56684.5413				19.0		20.0			
PCB-1242 Peak 3	57513 56405	69477 51570	69496	65577	Ave		61673.1135				12.0		20.0			
PCB-1242 Peak 4	52602 46821	62160 42681	52462	51353	Ave		51346.4996				13.0		20.0			
PCB-1242 Peak 5	49816 46793	52778 42215	51491	50378	Ave		48911.7868				7.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	555225 32381740	811997	2049562	4145221	17286555	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 2	Ave	728755 42949854	1250545	2920443	5660754	23607197	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 3	Ave	575936 51642579	1391478	3479660	6566925	28242103	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 4	Ave	526758 42740346	1244935	2626782	5142537	23443201	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 5	Ave	498856 42274010	1057046	2578153	5044825	23429180	10.0 1001	20.0	50.1	100	501

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	4.605	4.605	4.606	4.605	4.605	4.605					4.575 - 4.635	4.605
PCB-1248 Peak 2	4.819	4.818	4.818	4.818	4.818	4.818					4.788 - 4.848	4.818
PCB-1248 Peak 3	5.179	5.178	5.178	5.178	5.178	5.178					5.148 - 5.208	5.178
PCB-1248 Peak 4	5.380	5.380	5.380	5.380	5.380	5.380					5.350 - 5.410	5.380
PCB-1248 Peak 5	5.710	5.709	5.709	5.708	5.709	5.709					5.678 - 5.738	5.709
PCB-1268 Peak 1	7.024	7.024	7.024	7.023	7.024	7.023					6.993 - 7.053	7.024
PCB-1268 Peak 2	7.075	7.075	7.075	7.074	7.075	7.074					7.044 - 7.104	7.075
PCB-1268 Peak 3	7.241	7.242	7.241	7.241	7.243	7.241					7.211 - 7.271	7.242
PCB-1268 Peak 4	7.473	7.473	7.474	7.473	7.473	7.473					7.443 - 7.503	7.473
PCB-1268 Peak 5	7.684	7.684	7.684	7.683	7.684	7.684					7.653 - 7.713	7.684

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	37337 28085	28727 26753	31261	31166	Ave		30554.9670				12.0		20.0			
PCB-1248 Peak 2	44959 33159	32990 31899	35544	35836	Ave		35731.3238				13.0		20.0			
PCB-1248 Peak 3	61826 46414	44966 44545	47168	47496	Ave		48735.8456				13.0		20.0			
PCB-1248 Peak 4	35032 25674	24901 24558	26509	26332	Ave		27167.6866				14.0		20.0			
PCB-1248 Peak 5	39078 20492	19506 19580	21493	21756	Lin1	130004.750	19689.2258							0.9970		0.9900
PCB-1268 Peak 1	144628 130684	118863 125723	132035	133417	Ave		130891.577				6.6		20.0			
PCB-1268 Peak 2	138313 120283	106651 116282	119524	121077	Ave		120354.992				8.5		20.0			
PCB-1268 Peak 3	105553 98950	88069 96458	98750	99859	Ave		97939.8214				5.8		20.0			
PCB-1268 Peak 4	46682 41250	36563 40114	42082	42632	Ave		41553.7696				8.0		20.0			
PCB-1268 Peak 5	235630 245040	194832 249799	223838	246312	Ave		232575.309				8.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	373703 26776773	575066	1564474	3119443	14055258	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 2	Ave	449997 31928064	660403	1778775	3586821	16594634	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 3	Ave	618818 44584755	900139	2360523	4753835	23227966	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 4	Ave	350633 24580547	498459	1326659	2635539	12848729	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 5	Lin1	391131 19597648	390478	1075604	2177518	10255319	10.0 1001	20.0	50.0	100	500
PCB-1268 Peak 1	Ave	1470863 127860441	2417667	6713995	13568470	66452856	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 2	Ave	1406643 118259087	2169275	6077797	12313575	61163667	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 3	Ave	1073470 98097574	1791333	5021444	10155611	50316288	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 4	Ave	474755 40795624	743692	2139891	4335633	20975614	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 5	Ave	2396360 254045537	3962893	11382176	25049960	124602615	10.2 1017	20.3	50.9	102	509

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	4.664	4.665	4.664	4.664	4.664	4.664					4.634 - 4.694	4.664
PCB-1248 Peak 2	4.850	4.849	4.849	4.849	4.848	4.849					4.819 - 4.879	4.849
PCB-1248 Peak 3	5.236	5.236	5.236	5.236	5.237	5.237					5.206 - 5.266	5.236
PCB-1248 Peak 4	5.405	5.405	5.405	5.405	5.404	5.405					5.375 - 5.435	5.405
PCB-1248 Peak 5	5.738	5.738	5.737	5.738	5.738	5.737					5.708 - 5.768	5.738
PCB-1268 Peak 1	7.089	7.089	7.088	7.088	7.088	7.088					7.058 - 7.118	7.088
PCB-1268 Peak 2	7.151	7.150	7.151	7.150	7.151	7.150					7.120 - 7.180	7.151
PCB-1268 Peak 3	7.287	7.287	7.287	7.287	7.288	7.287					7.257 - 7.317	7.287
PCB-1268 Peak 4	7.539	7.540	7.538	7.538	7.538	7.538					7.508 - 7.568	7.539
PCB-1268 Peak 5	7.741	7.741	7.741	7.741	7.741	7.742					7.711 - 7.771	7.741

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	87206 61213	67129 58329	69507	64386	Ave		67961.7434				15.0		20.0			
PCB-1248 Peak 2	106885 75410	78962 71772	83129	78064	Ave		82370.5097				15.0		20.0			
PCB-1248 Peak 3	115133 85151	79023 80290	89346	84809	Ave		88958.4964				15.0		20.0			
PCB-1248 Peak 4	99679 69138	66183 63572	73202	70868	Ave		73773.4304				18.0		20.0			
PCB-1248 Peak 5	98708 45967	43775 43652	49740	46491	Ave		54722.2282				40.0	*	20.0			
PCB-1268 Peak 1	348543 303760	274256 298162	303882	318225	Ave		307804.721				8.0		20.0			
PCB-1268 Peak 2	308538 278344	247314 273110	279633	290209	Ave		279524.470				7.2		20.0			
PCB-1268 Peak 3	258979 236626	210878 230996	236697	247977	Ave		237025.448				6.9		20.0			
PCB-1268 Peak 4	112341 97587	124246 95033	97609	102231	Ave		104840.985				11.0		20.0			
PCB-1268 Peak 5	877504 852815	735652 830367	849038	869849	Ave		835870.985				6.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24938-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	872844 58381222	1343794	3478494	6444417	30634041	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 2	Ave	1069816 71836759	1580662	4160209	7813440	37738910	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 3	Ave	1152363 80361930	1581880	4471333	8488509	42613687	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 4	Ave	997691 63628875	1324842	3663373	7093140	34600012	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 5	Ave	987971 43690961	876293	2489254	4653288	23004099	10.0 1001	20.0	50.0	100	500
PCB-1268 Peak 1	Ave	3544684 303230781	5578370	15452412	32363488	154461804	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 2	Ave	3137827 277752462	5030374	14219337	29514208	141537817	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 3	Ave	2633820 234922495	4289250	12036053	25219241	120324408	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 4	Ave	1142505 96648651	2527154	4963401	10396934	49622740	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 5	Ave	8924214 844483628	14963168	43173599	88463628	433656532	10.2 1017	20.3	50.9	102	509

Curve Type Legend:
Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	26330		101	100	1.0	20.0
PCB-1016 Peak 2	Ave	25989	27076		104	100	4.2	20.0
PCB-1016 Peak 3	Ave	46857	48305		103	100	3.1	20.0
PCB-1016 Peak 4	Lin1		23816		112	100	11.5	20.0
PCB-1016 Peak 5	Ave	26749	27178		102	100	1.6	20.0
PCB-1260 Peak 1	Ave	51857	49784		96.0	100	-4.0	20.0
PCB-1260 Peak 2	Lin1		63725		111	100	10.6	20.0
PCB-1260 Peak 3	Lin1		80425		112	100	12.2	20.0
PCB-1260 Peak 4	Ave	91214	97648		107	100	7.1	20.0
PCB-1260 Peak 5	Ave	71029	74641		105	100	5.1	20.0
Tetrachloro-m-xylene	Ave	1031214	1040209		10.1	10.0	0.9	20.0
DCB Decachlorobiphenyl	Lin1		819555		11.1	10.0	11.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.86	3.92
PCB-1016 Peak 2	4.09	4.07	4.13
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.61	4.58	4.64
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.84	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.31	6.28	6.34
PCB-1260 Peak 4	6.79	6.76	6.82
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	64872		101	100	1.2	20.0
PCB-1016 Peak 2	Lin1		65803		109	100	9.4	20.0
PCB-1016 Peak 3	Ave	125788	133540		106	100	6.2	20.0
PCB-1016 Peak 4	Ave	46934	48812		104	100	4.0	20.0
PCB-1016 Peak 5	Ave	58141	60764		105	100	4.5	20.0
PCB-1260 Peak 1	Ave	114814	117498		102	100	2.3	20.0
PCB-1260 Peak 2	Lin1		183921		106	100	5.9	20.0
PCB-1260 Peak 3	Ave	165857	174576		105	100	5.3	20.0
PCB-1260 Peak 4	Ave	214975	228932		106	100	6.5	20.0
PCB-1260 Peak 5	Ave	129719	141483		109	100	9.1	20.0
Tetrachloro-m-xylene	Ave	2610963	2742650		10.5	10.0	5.0	20.0
DCB Decachlorobiphenyl	Ave	2035658	2243911		11.0	10.0	10.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	11478	12995		113	100	13.2	20.0
PCB-1221 Peak 2	Lin1		8722		123	100	22.7*	20.0
PCB-1221 Peak 3	Ave	27581	29581		107	100	7.3	20.0
PCB-1254 Peak 1	Ave	50747	57436		113	100	13.2	20.0
PCB-1254 Peak 2	Ave	42865	51582		120	100	20.3*	20.0
PCB-1254 Peak 3	Ave	60720	70944		117	100	16.8	20.0
PCB-1254 Peak 4	Ave	45745	44794		97.9	100	-2.1	20.0
PCB-1254 Peak 5	Ave	53054	56594		107	100	6.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.40	3.37	3.43
PCB-1221 Peak 2	3.48	3.45	3.51
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.18	5.15	5.21
PCB-1254 Peak 2	5.33	5.30	5.36
PCB-1254 Peak 3	5.71	5.68	5.74
PCB-1254 Peak 4	5.93	5.90	5.96
PCB-1254 Peak 5	6.31	6.28	6.34

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	30095	30027		99.8	100	-0.2	20.0
PCB-1221 Peak 2	Ave	18196	21018		116	100	15.5	20.0
PCB-1221 Peak 3	Ave	69495	70513		101	100	1.5	20.0
PCB-1254 Peak 1	Ave	86471	106479		123	100	23.1*	20.0
PCB-1254 Peak 2	Ave	126844	135185		107	100	6.6	20.0
PCB-1254 Peak 3	Ave	140796	161591		115	100	14.8	20.0
PCB-1254 Peak 4	Ave	111640	125851		113	100	12.7	20.0
PCB-1254 Peak 5	Ave	120602	130646		108	100	8.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.42	3.39	3.45
PCB-1221 Peak 2	3.49	3.46	3.52
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.21	5.18	5.24
PCB-1254 Peak 2	5.42	5.39	5.45
PCB-1254 Peak 3	5.74	5.71	5.77
PCB-1254 Peak 4	6.00	5.97	6.03
PCB-1254 Peak 5	6.36	6.33	6.39

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 3	Ave	11807	0.0000			100	-100.0*	20.0
PCB-1232 Peak 1	Lin1		7840		108	100	8.1	20.0
PCB-1232 Peak 2	Ave	22542	24504		109	100	8.7	20.0
PCB-1232 Peak 4	Ave	13354	15613		117	100	16.9	20.0
PCB-1232 Peak 5	Ave	11396	15059		132	100	32.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 3	0.00	4.06	4.12
PCB-1232 Peak 1	3.40	3.37	3.43
PCB-1232 Peak 2	3.56	3.53	3.59
PCB-1232 Peak 4	4.42	4.39	4.45
PCB-1232 Peak 5	4.55	4.51	4.57

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	19948	17086		85.7	100	-14.3	20.0
PCB-1232 Peak 2	Ave	56328	60682		108	100	7.7	20.0
PCB-1232 Peak 3	Ave	33414	33819		101	100	1.2	20.0
PCB-1232 Peak 4	Ave	34922	28645		82.0	100	-18.0	20.0
PCB-1232 Peak 5	Ave	28409	28645		101	100	0.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 1	3.42	3.39	3.45
PCB-1232 Peak 2	3.56	3.53	3.59
PCB-1232 Peak 3	4.10	4.07	4.13
PCB-1232 Peak 4	4.55	4.43	4.49
PCB-1232 Peak 5	4.55	4.52	4.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0000			100	-100.0*	20.0
PCB-1242 Peak 2	Ave	21073	25433		121	100	20.7*	20.0
PCB-1242 Peak 3	Ave	21570	23343		108	100	8.2	20.0
PCB-1242 Peak 4	Ave	17150	19424		113	100	13.3	20.0
PCB-1242 Peak 5	Ave	23546	27310		116	100	16.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	0.00	3.53	3.59
PCB-1242 Peak 2	4.09	4.06	4.12
PCB-1242 Peak 3	4.54	4.51	4.57
PCB-1242 Peak 4	4.97	4.94	5.00
PCB-1242 Peak 5	5.18	5.15	5.21

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	40863	0.0000			100	-100.0*	20.0
PCB-1242 Peak 2	Ave	56685	59715		105	100	5.3	20.0
PCB-1242 Peak 3	Ave	61673	69612		113	100	12.9	20.0
PCB-1242 Peak 4	Ave	51346	54061		105	100	5.3	20.0
PCB-1242 Peak 5	Ave	48912	54270		111	100	11.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	0.00	3.53	3.59
PCB-1242 Peak 2	4.10	4.07	4.13
PCB-1242 Peak 3	4.46	4.43	4.49
PCB-1242 Peak 4	4.55	4.52	4.58
PCB-1242 Peak 5	5.24	5.21	5.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	30555	0.0000			100	-100.0*	20.0
PCB-1248 Peak 2	Ave	35731	0.0000			100	-100.0*	20.0
PCB-1248 Peak 3	Ave	48736	55199		113	100	13.3	20.0
PCB-1248 Peak 4	Ave	27168	30884		114	100	13.7	20.0
PCB-1248 Peak 5	Lin1		22730		109	100	8.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	0.00	4.58	4.64
PCB-1248 Peak 2	0.00	4.79	4.85
PCB-1248 Peak 3	5.18	5.15	5.21
PCB-1248 Peak 4	5.38	5.35	5.41
PCB-1248 Peak 5	5.71	5.68	5.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	67962	0.0000			100	-100.0*	20.0
PCB-1248 Peak 2	Ave	82371	0.0000			100	-100.0*	20.0
PCB-1248 Peak 3	Ave	88958	103006		116	100	15.8	20.0
PCB-1248 Peak 4	Ave	73773	84472		115	100	14.5	20.0
PCB-1248 Peak 5	Ave	54722	55537		101	100	1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	0.00	4.63	4.69
PCB-1248 Peak 2	0.00	4.82	4.88
PCB-1248 Peak 3	5.24	5.21	5.27
PCB-1248 Peak 4	5.41	5.38	5.44
PCB-1248 Peak 5	5.74	5.71	5.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/26 Calibration Date: 03/13/2011 18:12

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155290.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	23283		89.3	100	-10.7	20.0
PCB-1016 Peak 2	Ave	25989	24495		94.3	100	-5.7	20.0
PCB-1016 Peak 3	Ave	46857	48220		103	100	2.9	20.0
PCB-1016 Peak 4	Lin1		21750		101	100	1.2	20.0
PCB-1016 Peak 5	Ave	26749	24741		92.5	100	-7.5	20.0
PCB-1260 Peak 1	Ave	51857	45707		88.1	100	-11.9	20.0
PCB-1260 Peak 2	Lin1		59771		104	100	3.6	20.0
PCB-1260 Peak 3	Lin1		68572		95.0	100	-5.0	20.0
PCB-1260 Peak 4	Ave	91214	87202		95.6	100	-4.4	20.0
PCB-1260 Peak 5	Ave	71029	64330		90.6	100	-9.4	20.0
Tetrachloro-m-xylene	Ave	1031214	1007422		9.77	10.0	-2.3	20.0
DCB Decachlorobiphenyl	Lin1		757720		10.2	10.0	2.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/26 Calibration Date: 03/13/2011 18:12

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155290.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.84	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/26 Calibration Date: 03/13/2011 18:12

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155290.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	62204		97.1	100	-2.9	20.0
PCB-1016 Peak 2	Lin1		63158		105	100	4.8	20.0
PCB-1016 Peak 3	Ave	125788	137499		109	100	9.3	20.0
PCB-1016 Peak 4	Ave	46934	47311		101	100	0.8	20.0
PCB-1016 Peak 5	Ave	58141	58439		101	100	0.5	20.0
PCB-1260 Peak 1	Ave	114814	112810		98.3	100	-1.7	20.0
PCB-1260 Peak 2	Lin1		178378		103	100	2.7	20.0
PCB-1260 Peak 3	Ave	165857	182680		110	100	10.1	20.0
PCB-1260 Peak 4	Ave	214975	208615		97.0	100	-3.0	20.0
PCB-1260 Peak 5	Ave	129719	126291		97.4	100	-2.6	20.0
Tetrachloro-m-xylene	Ave	2610963	2759316		10.6	10.0	5.7	20.0
DCB Decachlorobiphenyl	Ave	2035658	1856268		9.12	10.0	-8.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/26 Calibration Date: 03/13/2011 18:12

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155290.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.32	6.38
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/37 Calibration Date: 03/13/2011 20:47

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155301.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	22747		87.2	100	-12.8	20.0
PCB-1016 Peak 2	Ave	25989	25549		98.3	100	-1.7	20.0
PCB-1016 Peak 3	Ave	46857	46756		99.8	100	-0.2	20.0
PCB-1016 Peak 4	Lin1		22324		104	100	4.1	20.0
PCB-1016 Peak 5	Ave	26749	23472		87.7	100	-12.3	20.0
PCB-1260 Peak 1	Ave	51857	44530		85.9	100	-14.1	20.0
PCB-1260 Peak 2	Lin1		54387		94.0	100	-6.0	20.0
PCB-1260 Peak 3	Lin1		67150		92.9	100	-7.1	20.0
PCB-1260 Peak 4	Ave	91214	82367		90.3	100	-9.7	20.0
PCB-1260 Peak 5	Ave	71029	62177		87.5	100	-12.5	20.0
Tetrachloro-m-xylene	Ave	1031214	981814		9.52	10.0	-4.8	20.0
DCB Decachlorobiphenyl	Lin1		708353		9.53	10.0	-4.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/37 Calibration Date: 03/13/2011 20:47

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155301.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.84	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/37 Calibration Date: 03/13/2011 20:47

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155301.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	60736		94.8	100	-5.2	20.0
PCB-1016 Peak 2	Lin1		63410		105	100	5.2	20.0
PCB-1016 Peak 3	Ave	125788	135331		108	100	7.6	20.0
PCB-1016 Peak 4	Ave	46934	45175		96.3	100	-3.7	20.0
PCB-1016 Peak 5	Ave	58141	55477		95.4	100	-4.6	20.0
PCB-1260 Peak 1	Ave	114814	109209		95.1	100	-4.9	20.0
PCB-1260 Peak 2	Lin1		166906		95.9	100	-4.1	20.0
PCB-1260 Peak 3	Ave	165857	177865		107	100	7.2	20.0
PCB-1260 Peak 4	Ave	214975	202256		94.1	100	-5.9	20.0
PCB-1260 Peak 5	Ave	129719	119065		91.8	100	-8.2	20.0
Tetrachloro-m-xylene	Ave	2610963	2679482		10.3	10.0	2.6	20.0
DCB Decachlorobiphenyl	Ave	2035658	1742718		8.56	10.0	-14.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/37 Calibration Date: 03/13/2011 20:47

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155301.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.32	6.38
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/49 Calibration Date: 03/13/2011 23:37

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155313.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	21867		83.9	100	-16.1	20.0
PCB-1016 Peak 2	Ave	25989	23772		91.5	100	-8.5	20.0
PCB-1016 Peak 3	Ave	46857	45420		96.9	100	-3.1	20.0
PCB-1016 Peak 4	Lin1		20553		95.2	100	-4.8	20.0
PCB-1016 Peak 5	Ave	26749	22960		85.8	100	-14.2	20.0
PCB-1260 Peak 1	Ave	51857	43553		84.0	100	-16.0	20.0
PCB-1260 Peak 2	Lin1		54204		93.7	100	-6.3	20.0
PCB-1260 Peak 3	Lin1		65381		90.3	100	-9.7	20.0
PCB-1260 Peak 4	Ave	91214	81507		89.4	100	-10.6	20.0
PCB-1260 Peak 5	Ave	71029	61755		86.9	100	-13.1	20.0
Tetrachloro-m-xylene	Ave	1031214	1029643		9.99	10.0	-0.2	20.0
DCB Decachlorobiphenyl	Lin1		714135		9.61	10.0	-3.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/49 Calibration Date: 03/13/2011 23:37

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155313.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.81	5.87
PCB-1260 Peak 2	6.01	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/49 Calibration Date: 03/13/2011 23:37

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155313.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	58378		91.1	100	-8.9	20.0
PCB-1016 Peak 2	Lin1		58021		95.8	100	-4.2	20.0
PCB-1016 Peak 3	Ave	125788	130250		104	100	3.5	20.0
PCB-1016 Peak 4	Ave	46934	41944		89.4	100	-10.6	20.0
PCB-1016 Peak 5	Ave	58141	52608		90.5	100	-9.5	20.0
PCB-1260 Peak 1	Ave	114814	107404		93.5	100	-6.5	20.0
PCB-1260 Peak 2	Lin1		165962		95.3	100	-4.7	20.0
PCB-1260 Peak 3	Ave	165857	172244		104	100	3.9	20.0
PCB-1260 Peak 4	Ave	214975	195051		90.7	100	-9.3	20.0
PCB-1260 Peak 5	Ave	129719	117402		90.5	100	-9.5	20.0
Tetrachloro-m-xylene	Ave	2610963	2653988		10.2	10.0	1.6	20.0
DCB Decachlorobiphenyl	Ave	2035658	1730951		8.50	10.0	-15.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/49 Calibration Date: 03/13/2011 23:37

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155313.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.32	6.38
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/59 Calibration Date: 03/14/2011 01:58

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155323.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	22027		84.5	100	-15.5	20.0
PCB-1016 Peak 2	Ave	25989	24289		93.5	100	-6.5	20.0
PCB-1016 Peak 3	Ave	46857	46304		98.8	100	-1.2	20.0
PCB-1016 Peak 4	Lin1		21597		100	100	0.4	20.0
PCB-1016 Peak 5	Ave	26749	23343		87.3	100	-12.7	20.0
PCB-1260 Peak 1	Ave	51857	43009		82.9	100	-17.1	20.0
PCB-1260 Peak 2	Lin1		53275		92.0	100	-8.0	20.0
PCB-1260 Peak 3	Lin1		63372		87.4	100	-12.6	20.0
PCB-1260 Peak 4	Ave	91214	77117		84.5	100	-15.5	20.0
PCB-1260 Peak 5	Ave	71029	58410		82.2	100	-17.8	20.0
Tetrachloro-m-xylene	Ave	1031214	972747		9.43	10.0	-5.7	20.0
DCB Decachlorobiphenyl	Lin1		672755		9.02	10.0	-9.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/59 Calibration Date: 03/14/2011 01:58

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155323.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/59 Calibration Date: 03/14/2011 01:58

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155323.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	59207		92.4	100	-7.6	20.0
PCB-1016 Peak 2	Lin1		62645		104	100	3.9	20.0
PCB-1016 Peak 3	Ave	125788	134628		107	100	7.0	20.0
PCB-1016 Peak 4	Ave	46934	44768		95.4	100	-4.6	20.0
PCB-1016 Peak 5	Ave	58141	54916		94.5	100	-5.5	20.0
PCB-1260 Peak 1	Ave	114814	104009		90.6	100	-9.4	20.0
PCB-1260 Peak 2	Lin1		164956		94.7	100	-5.3	20.0
PCB-1260 Peak 3	Ave	165857	172106		104	100	3.8	20.0
PCB-1260 Peak 4	Ave	214975	193258		89.9	100	-10.1	20.0
PCB-1260 Peak 5	Ave	129719	110419		85.1	100	-14.9	20.0
Tetrachloro-m-xylene	Ave	2610963	2651610		10.2	10.0	1.6	20.0
DCB Decachlorobiphenyl	Ave	2035658	1669194		8.20	10.0	-18.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82183/59 Calibration Date: 03/14/2011 01:58

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155323.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.32	6.38
PCB-1260 Peak 4	6.88	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVRT 580-82198/2 Calibration Date: 03/14/2011 10:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155353.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	22340		85.7	100	-14.3	20.0
PCB-1016 Peak 2	Ave	25989	25472		98.0	100	-2.0	20.0
PCB-1016 Peak 3	Ave	46857	46995		100	100	0.3	20.0
PCB-1016 Peak 4	Lin1		21635		101	100	0.6	20.0
PCB-1016 Peak 5	Ave	26749	25515		95.4	100	-4.6	20.0
PCB-1260 Peak 1	Ave	51857	43089		83.1	100	-16.9	20.0
PCB-1260 Peak 2	Lin1		51950		89.7	100	-10.3	20.0
PCB-1260 Peak 3	Lin1		61345		84.4	100	-15.6	20.0
PCB-1260 Peak 4	Ave	91214	78795		86.4	100	-13.6	20.0
PCB-1260 Peak 5	Ave	71029	59424		83.7	100	-16.3	20.0
Tetrachloro-m-xylene	Ave	1031214	970913		9.42	10.0	-5.8	20.0
DCB Decachlorobiphenyl	Lin1		686436		9.22	10.0	-7.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVRT 580-82198/2 Calibration Date: 03/14/2011 10:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155353.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVRT 580-82198/2 Calibration Date: 03/14/2011 10:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155353.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	57784		90.2	100	-9.8	20.0
PCB-1016 Peak 2	Lin1		61533		102	100	1.9	20.0
PCB-1016 Peak 3	Ave	125788	136030		108	100	8.1	20.0
PCB-1016 Peak 4	Ave	46934	44426		94.7	100	-5.3	20.0
PCB-1016 Peak 5	Ave	58141	54272		93.3	100	-6.7	20.0
PCB-1260 Peak 1	Ave	114814	103671		90.3	100	-9.7	20.0
PCB-1260 Peak 2	Lin1		162449		93.2	100	-6.8	20.0
PCB-1260 Peak 3	Ave	165857	165776		100	100	-0.0	20.0
PCB-1260 Peak 4	Ave	214975	190112		88.4	100	-11.6	20.0
PCB-1260 Peak 5	Ave	129719	110429		85.1	100	-14.9	20.0
Tetrachloro-m-xylene	Ave	2610963	2645517		10.1	10.0	1.3	20.0
DCB Decachlorobiphenyl	Ave	2035658	1727650		8.49	10.0	-15.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVRT 580-82198/2 Calibration Date: 03/14/2011 10:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155353.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/25 Calibration Date: 03/14/2011 16:54

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155376.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	21294		81.7	100	-18.3	20.0
PCB-1016 Peak 2	Ave	25989	24067		92.6	100	-7.4	20.0
PCB-1016 Peak 3	Ave	46857	44736		95.5	100	-4.5	20.0
PCB-1016 Peak 4	Lin1		20458		94.8	100	-5.2	20.0
PCB-1016 Peak 5	Ave	26749	22560		84.3	100	-15.7	20.0
PCB-1260 Peak 1	Ave	51857	44273		85.4	100	-14.6	20.0
PCB-1260 Peak 2	Lin1		55354		95.7	100	-4.3	20.0
PCB-1260 Peak 3	Lin1		67004		92.7	100	-7.3	20.0
PCB-1260 Peak 4	Ave	91214	85091		93.3	100	-6.7	20.0
PCB-1260 Peak 5	Ave	71029	64612		91.0	100	-9.0	20.0
Tetrachloro-m-xylene	Ave	1031214	989451		9.60	10.0	-4.0	20.0
DCB Decachlorobiphenyl	Lin1		770157		10.4	10.0	4.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/25 Calibration Date: 03/14/2011 16:54

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155376.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.81	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.01	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.85	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/25 Calibration Date: 03/14/2011 16:54

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155376.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	58871		91.9	100	-8.1	20.0
PCB-1016 Peak 2	Lin1		61658		102	100	2.1	20.0
PCB-1016 Peak 3	Ave	125788	133365		106	100	6.0	20.0
PCB-1016 Peak 4	Ave	46934	43460		92.6	100	-7.4	20.0
PCB-1016 Peak 5	Ave	58141	54059		93.0	100	-7.0	20.0
PCB-1260 Peak 1	Ave	114814	109605		95.5	100	-4.5	20.0
PCB-1260 Peak 2	Lin1		170499		98.0	100	-2.0	20.0
PCB-1260 Peak 3	Ave	165857	179807		108	100	8.4	20.0
PCB-1260 Peak 4	Ave	214975	207904		96.7	100	-3.3	20.0
PCB-1260 Peak 5	Ave	129719	122785		94.7	100	-5.3	20.0
Tetrachloro-m-xylene	Ave	2610963	2705778		10.4	10.0	3.6	20.0
DCB Decachlorobiphenyl	Ave	2035658	1868959		9.18	10.0	-8.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/25 Calibration Date: 03/14/2011 16:54

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155376.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/36 Calibration Date: 03/14/2011 19:30

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155387.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	21428		82.2	100	-17.8	20.0
PCB-1016 Peak 2	Ave	25989	23299		89.6	100	-10.4	20.0
PCB-1016 Peak 3	Ave	46857	41898		89.4	100	-10.6	20.0
PCB-1016 Peak 4	Lin1		20158		93.3	100	-6.7	20.0
PCB-1016 Peak 5	Ave	26749	21629		80.9	100	-19.1	20.0
PCB-1260 Peak 1	Ave	51857	51655		99.6	100	-0.4	20.0
PCB-1260 Peak 2	Lin1		61524		107	100	6.7	20.0
PCB-1260 Peak 3	Lin1		65113		89.9	100	-10.1	20.0
PCB-1260 Peak 4	Ave	91214	83107		91.1	100	-8.9	20.0
PCB-1260 Peak 5	Ave	71029	62218		87.6	100	-12.4	20.0
Tetrachloro-m-xylene	Ave	1031214	968658		9.39	10.0	-6.1	20.0
DCB Decachlorobiphenyl	Lin1		744672		10.0	10.0	0.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/36 Calibration Date: 03/14/2011 19:30

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155387.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/36 Calibration Date: 03/14/2011 19:30

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155387.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	57346		89.5	100	-10.5	20.0
PCB-1016 Peak 2	Lin1		60937		101	100	0.9	20.0
PCB-1016 Peak 3	Ave	125788	131308		104	100	4.4	20.0
PCB-1016 Peak 4	Ave	46934	42941		91.5	100	-8.5	20.0
PCB-1016 Peak 5	Ave	58141	51231		88.1	100	-11.9	20.0
PCB-1260 Peak 1	Ave	114814	109584		95.4	100	-4.6	20.0
PCB-1260 Peak 2	Lin1		163686		94.0	100	-6.0	20.0
PCB-1260 Peak 3	Ave	165857	179957		109	100	8.5	20.0
PCB-1260 Peak 4	Ave	214975	204354		95.1	100	-4.9	20.0
PCB-1260 Peak 5	Ave	129719	119365		92.0	100	-8.0	20.0
Tetrachloro-m-xylene	Ave	2610963	2747369		10.5	10.0	5.2	20.0
DCB Decachlorobiphenyl	Ave	2035658	1828717		8.98	10.0	-10.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/36 Calibration Date: 03/14/2011 19:30

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155387.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.84	6.90
PCB-1260 Peak 5	7.10	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/48 Calibration Date: 03/14/2011 22:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155399.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	19909		76.3	100	-23.7*	20.0
PCB-1016 Peak 2	Ave	25989	22333		85.9	100	-14.1	20.0
PCB-1016 Peak 3	Ave	46857	40209		85.8	100	-14.2	20.0
PCB-1016 Peak 4	Lin1		19534		90.1	100	-9.9	20.0
PCB-1016 Peak 5	Ave	26749	20545		76.8	100	-23.2*	20.0
PCB-1260 Peak 1	Ave	51857	43738		84.3	100	-15.7	20.0
PCB-1260 Peak 2	Lin1		52291		90.3	100	-9.7	20.0
PCB-1260 Peak 3	Lin1		60348		83.0	100	-17.0	20.0
PCB-1260 Peak 4	Ave	91214	70829		77.7	100	-22.3*	20.0
PCB-1260 Peak 5	Ave	71029	57437		80.9	100	-19.1	20.0
Tetrachloro-m-xylene	Ave	1031214	949220		9.21	10.0	-8.0	20.0
DCB Decachlorobiphenyl	Lin1		694407		9.33	10.0	-6.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/48 Calibration Date: 03/14/2011 22:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155399.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/48 Calibration Date: 03/14/2011 22:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155399.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	55771		87.0	100	-13.0	20.0
PCB-1016 Peak 2	Lin1		62462		104	100	3.6	20.0
PCB-1016 Peak 3	Ave	125788	141188		112	100	12.2	20.0
PCB-1016 Peak 4	Ave	46934	42995		91.6	100	-8.4	20.0
PCB-1016 Peak 5	Ave	58141	51129		87.9	100	-12.1	20.0
PCB-1260 Peak 1	Ave	114814	108466		94.5	100	-5.5	20.0
PCB-1260 Peak 2	Lin1		155052		88.9	100	-11.1	20.0
PCB-1260 Peak 3	Ave	165857	170655		103	100	2.9	20.0
PCB-1260 Peak 4	Ave	214975	193255		89.9	100	-10.1	20.0
PCB-1260 Peak 5	Ave	129719	112697		86.9	100	-13.1	20.0
Tetrachloro-m-xylene	Ave	2610963	2603360		9.97	10.0	-0.3	20.0
DCB Decachlorobiphenyl	Ave	2035658	1699835		8.35	10.0	-16.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82198/48 Calibration Date: 03/14/2011 22:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155399.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.84	6.90
PCB-1260 Peak 5	7.10	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVRT 580-82292/2 Calibration Date: 03/15/2011 10:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155405.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	19482		74.7	100	-25.3*	20.0
PCB-1016 Peak 2	Ave	25989	22147		85.2	100	-14.8	20.0
PCB-1016 Peak 3	Ave	46857	37511		80.1	100	-19.9	20.0
PCB-1016 Peak 4	Lin1		18946		87.2	100	-12.8	20.0
PCB-1016 Peak 5	Ave	26749	18053		67.5	100	-32.5*	20.0
PCB-1260 Peak 1	Ave	51857	42884		82.7	100	-17.3	20.0
PCB-1260 Peak 2	Lin1		52104		89.9	100	-10.1	20.0
PCB-1260 Peak 3	Lin1		55423		75.8	100	-24.2*	20.0
PCB-1260 Peak 4	Ave	91214	79806		87.5	100	-12.5	20.0
PCB-1260 Peak 5	Ave	71029	60020		84.5	100	-15.5	20.0
Tetrachloro-m-xylene	Ave	1031214	945437		9.17	10.0	-8.3	20.0
DCB Decachlorobiphenyl	Lin1		713116		9.60	10.0	-4.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVRT 580-82292/2 Calibration Date: 03/15/2011 10:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155405.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVRT 580-82292/2 Calibration Date: 03/15/2011 10:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155405.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	55316		86.3	100	-13.7	20.0
PCB-1016 Peak 2	Lin1		63082		105	100	4.6	20.0
PCB-1016 Peak 3	Ave	125788	124545		99.0	100	-1.0	20.0
PCB-1016 Peak 4	Ave	46934	42942		91.5	100	-8.5	20.0
PCB-1016 Peak 5	Ave	58141	48828		84.0	100	-16.0	20.0
PCB-1260 Peak 1	Ave	114814	107752		93.8	100	-6.2	20.0
PCB-1260 Peak 2	Lin1		155195		89.0	100	-11.0	20.0
PCB-1260 Peak 3	Ave	165857	169639		102	100	2.3	20.0
PCB-1260 Peak 4	Ave	214975	194377		90.4	100	-9.6	20.0
PCB-1260 Peak 5	Ave	129719	110971		85.5	100	-14.5	20.0
Tetrachloro-m-xylene	Ave	2610963	2600545		9.96	10.0	-0.4	20.0
DCB Decachlorobiphenyl	Ave	2035658	1730750		8.50	10.0	-15.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCVRT 580-82292/2 Calibration Date: 03/15/2011 10:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155405.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82292/3 Calibration Date: 03/15/2011 10:22

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155406.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	11478	13044		114	100	13.6	20.0
PCB-1221 Peak 2	Lin1		8275		116	100	16.3	20.0
PCB-1221 Peak 3	Ave	27581	33755		122	100	22.4*	20.0
PCB-1254 Peak 1	Ave	50747	57264		113	100	12.8	20.0
PCB-1254 Peak 2	Ave	42865	48187		112	100	12.4	20.0
PCB-1254 Peak 3	Ave	60720	69888		115	100	15.1	20.0
PCB-1254 Peak 4	Ave	45745	49275		108	100	7.7	20.0
PCB-1254 Peak 5	Ave	53054	67192		127	100	26.6*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82292/3 Calibration Date: 03/15/2011 10:22

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155406.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.40	3.37	3.43
PCB-1221 Peak 2	3.48	3.45	3.51
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.18	5.15	5.21
PCB-1254 Peak 2	5.33	5.30	5.36
PCB-1254 Peak 3	5.71	5.68	5.74
PCB-1254 Peak 4	5.92	5.89	5.95
PCB-1254 Peak 5	6.30	6.28	6.34

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82292/3 Calibration Date: 03/15/2011 10:22

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155406.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	30095	35493		118	100	17.9	20.0
PCB-1221 Peak 2	Ave	18196	22541		124	100	23.9*	20.0
PCB-1221 Peak 3	Ave	69495	82770		119	100	19.1	20.0
PCB-1254 Peak 1	Ave	86471	112431		130	100	30.0*	20.0
PCB-1254 Peak 2	Ave	126844	167930		132	100	32.4*	20.0
PCB-1254 Peak 3	Ave	140796	174225		124	100	23.7*	20.0
PCB-1254 Peak 4	Ave	111640	144783		130	100	29.7*	20.0
PCB-1254 Peak 5	Ave	120602	141831		118	100	17.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82292/3 Calibration Date: 03/15/2011 10:22

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155406.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.42	3.39	3.45
PCB-1221 Peak 2	3.49	3.46	3.52
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.21	5.18	5.24
PCB-1254 Peak 2	5.42	5.39	5.45
PCB-1254 Peak 3	5.74	5.71	5.77
PCB-1254 Peak 4	6.00	5.97	6.03
PCB-1254 Peak 5	6.36	6.33	6.39

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82292/15 Calibration Date: 03/15/2011 13:18

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155418.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	21834		83.7	100	-16.3	20.0
PCB-1016 Peak 2	Ave	25989	21521		82.8	100	-17.2	20.0
PCB-1016 Peak 3	Ave	46857	41770		89.1	100	-10.9	20.0
PCB-1016 Peak 4	Lin1		23930		112	100	12.1	20.0
PCB-1016 Peak 5	Ave	26749	19610		73.3	100	-26.7*	20.0
PCB-1260 Peak 1	Ave	51857	51760		99.8	100	-0.2	20.0
PCB-1260 Peak 2	Lin1		61548		107	100	6.7	20.0
PCB-1260 Peak 3	Lin1		58670		80.5	100	-19.5	20.0
PCB-1260 Peak 4	Ave	91214	85005		93.2	100	-6.8	20.0
PCB-1260 Peak 5	Ave	71029	63632		89.6	100	-10.4	20.0
Tetrachloro-m-xylene	Ave	1031214	972301		9.43	10.0	-5.7	20.0
DCB Decachlorobiphenyl	Lin1		760948		10.3	10.0	2.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82292/15 Calibration Date: 03/15/2011 13:18

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155418.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.31	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82292/15 Calibration Date: 03/15/2011 13:18

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155418.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	51853		80.9	100	-19.1	20.0
PCB-1016 Peak 2	Lin1		72028		120	100	20.3*	20.0
PCB-1016 Peak 3	Ave	125788	127294		101	100	1.2	20.0
PCB-1016 Peak 4	Ave	46934	39233		83.6	100	-16.4	20.0
PCB-1016 Peak 5	Ave	58141	65578		113	100	12.8	20.0
PCB-1260 Peak 1	Ave	114814	107196		93.4	100	-6.6	20.0
PCB-1260 Peak 2	Lin1		170802		98.2	100	-1.8	20.0
PCB-1260 Peak 3	Ave	165857	178824		108	100	7.8	20.0
PCB-1260 Peak 4	Ave	214975	205385		95.5	100	-4.5	20.0
PCB-1260 Peak 5	Ave	129719	118055		91.0	100	-9.0	20.0
Tetrachloro-m-xylene	Ave	2610963	2713928		10.4	10.0	3.9	20.0
DCB Decachlorobiphenyl	Ave	2035658	1836558		9.02	10.0	-9.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: CCV 580-82292/15 Calibration Date: 03/15/2011 13:18

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155418.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82167/1-A

Matrix: Solid | Lab File ID: CC155291.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 18:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.010	0.0032
11104-28-2	PCB-1221	ND		0.010	0.0080
11141-16-5	PCB-1232	ND		0.010	0.0070
53469-21-9	PCB-1242	ND		0.010	0.0021
12672-29-6	PCB-1248	ND		0.010	0.0030
11097-69-1	PCB-1254	ND		0.010	0.0021
11096-82-5	PCB-1260	ND		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		45-155
2051-24-3	DCB Decachlorobiphenyl	108		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82225/1-A

Matrix: Solid | Lab File ID: CC155377.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3550B | Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10(g) | Date Analyzed: 03/14/2011 17:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.010	0.0032
11104-28-2	PCB-1221	ND		0.010	0.0080
11141-16-5	PCB-1232	ND		0.010	0.0070
53469-21-9	PCB-1242	ND		0.010	0.0021
12672-29-6	PCB-1248	ND		0.010	0.0030
11097-69-1	PCB-1254	ND		0.010	0.0021
11096-82-5	PCB-1260	ND		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		45-155
2051-24-3	DCB Decachlorobiphenyl	100		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82167/2-A

Matrix: Solid Lab File ID: CC155296.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3550B Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.0(g) Date Analyzed: 03/13/2011 19:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.0900		0.010	0.0032
11096-82-5	PCB-1260	0.0907		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		45-155
2051-24-3	DCB Decachlorobiphenyl	103		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82225/2-A

Matrix: Solid Lab File ID: CC155378.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3550B Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10(g) Date Analyzed: 03/14/2011 17:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.0826		0.010	0.0032
11096-82-5	PCB-1260	0.0914		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		45-155
2051-24-3	DCB Decachlorobiphenyl	99		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-82167/3-A

Matrix: Solid | Lab File ID: CC155297.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.0(g) | Date Analyzed: 03/13/2011 19:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.0807		0.010	0.0032
11096-82-5	PCB-1260	0.0847		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		45-155
2051-24-3	DCB Decachlorobiphenyl	82		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) MS Lab Sample ID: 580-24938-1 MS

Matrix: Solid Lab File ID: CC155380.D

Analysis Method: 8082 Date Collected: 03/10/2011 15:30

Extraction Method: 3550B Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.1977(g) Date Analyzed: 03/14/2011 17:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.0948		0.012	0.0040
11104-28-2	PCB-1221	ND		0.012	0.0099
11141-16-5	PCB-1232	ND		0.012	0.0087
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	0.0910		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		45-155
2051-24-3	DCB Decachlorobiphenyl	68		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) MS | Lab Sample ID: 580-24938-23 MS

Matrix: Solid | Lab File ID: CC155303.D

Analysis Method: 8082 | Date Collected: 03/11/2011 09:50

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.2441(g) | Date Analyzed: 03/13/2011 21:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.0922		0.013	0.0041
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0090
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0039
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	0.0878		0.013	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		45-155
2051-24-3	DCB Decachlorobiphenyl	78		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB08(0-1) MSD Lab Sample ID: 580-24938-1 MSD

Matrix: Solid Lab File ID: CC155381.D

Analysis Method: 8082 Date Collected: 03/10/2011 15:30

Extraction Method: 3550B Date Extracted: 03/14/2011 12:03

Sample wt/vol: 10.1726(g) Date Analyzed: 03/14/2011 18:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.0932		0.012	0.0040
11104-28-2	PCB-1221	ND		0.012	0.0099
11141-16-5	PCB-1232	ND		0.012	0.0087
53469-21-9	PCB-1242	ND		0.012	0.0026
12672-29-6	PCB-1248	ND		0.012	0.0037
11097-69-1	PCB-1254	ND		0.012	0.0026
11096-82-5	PCB-1260	0.0874		0.012	0.0037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	67		45-155
2051-24-3	DCB Decachlorobiphenyl	63		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

Client Sample ID: YK-SB18(3-4) MSD | Lab Sample ID: 580-24938-23 MSD

Matrix: Solid | Lab File ID: CC155304.D

Analysis Method: 8082 | Date Collected: 03/11/2011 09:50

Extraction Method: 3550B | Date Extracted: 03/12/2011 12:32

Sample wt/vol: 10.0864(g) | Date Analyzed: 03/13/2011 21:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: 24.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82183 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.100		0.013	0.0042
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0092
53469-21-9	PCB-1242	ND		0.013	0.0027
12672-29-6	PCB-1248	ND		0.013	0.0039
11097-69-1	PCB-1254	ND		0.013	0.0027
11096-82-5	PCB-1260	0.0977		0.013	0.0039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		45-155
2051-24-3	DCB Decachlorobiphenyl	86		60-125

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/03/2011 09:34

Analysis Batch Number: 81563 End Date: 03/03/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 580-81563/2		03/03/2011 09:34	1	CC155047.D	ZB-MR-2 0.25(mm)
IC 580-81563/2		03/03/2011 09:34	1	CC155047.D	ZB-MR-1 0.25(mm)
IC 580-81563/3		03/03/2011 09:48	1	CC155048.D	ZB-MR-2 0.25(mm)
IC 580-81563/3		03/03/2011 09:48	1	CC155048.D	ZB-MR-1 0.25(mm)
IC 580-81563/4		03/03/2011 10:02	1	CC155049.D	ZB-MR-2 0.25(mm)
IC 580-81563/4		03/03/2011 10:02	1	CC155049.D	ZB-MR-1 0.25(mm)
IC 580-81563/5		03/03/2011 10:16	1	CC155050.D	ZB-MR-2 0.25(mm)
IC 580-81563/5		03/03/2011 10:16	1	CC155050.D	ZB-MR-1 0.25(mm)
IC 580-81563/6		03/03/2011 10:30	1	CC155051.D	ZB-MR-2 0.25(mm)
IC 580-81563/6		03/03/2011 10:30	1	CC155051.D	ZB-MR-1 0.25(mm)
IC 580-81563/7		03/03/2011 10:45	1	CC155052.D	ZB-MR-2 0.25(mm)
IC 580-81563/7		03/03/2011 10:45	1	CC155052.D	ZB-MR-1 0.25(mm)
ICV 580-81563/8		03/03/2011 10:59	1	CC155053.D	ZB-MR-2 0.25(mm)
ICV 580-81563/8		03/03/2011 10:59	1	CC155053.D	ZB-MR-1 0.25(mm)
IC 580-81563/9		03/03/2011 11:13	1	CC155054.D	ZB-MR-2 0.25(mm)
IC 580-81563/9		03/03/2011 11:13	1	CC155054.D	ZB-MR-1 0.25(mm)
IC 580-81563/10		03/03/2011 11:27	1	CC155055.D	ZB-MR-2 0.25(mm)
IC 580-81563/10		03/03/2011 11:27	1	CC155055.D	ZB-MR-1 0.25(mm)
IC 580-81563/11		03/03/2011 11:41	1	CC155056.D	ZB-MR-2 0.25(mm)
IC 580-81563/11		03/03/2011 11:41	1	CC155056.D	ZB-MR-1 0.25(mm)
IC 580-81563/12		03/03/2011 11:55	1	CC155057.D	ZB-MR-2 0.25(mm)
IC 580-81563/12		03/03/2011 11:55	1	CC155057.D	ZB-MR-1 0.25(mm)
IC 580-81563/13		03/03/2011 12:09	1	CC155058.D	ZB-MR-2 0.25(mm)
IC 580-81563/13		03/03/2011 12:09	1	CC155058.D	ZB-MR-1 0.25(mm)
IC 580-81563/14		03/03/2011 12:23	1	CC155059.D	ZB-MR-2 0.25(mm)
IC 580-81563/14		03/03/2011 12:23	1	CC155059.D	ZB-MR-1 0.25(mm)
ICV 580-81563/15		03/03/2011 12:38	1	CC155060.D	ZB-MR-2 0.25(mm)
ICV 580-81563/15		03/03/2011 12:38	1	CC155060.D	ZB-MR-1 0.25(mm)
IC 580-81563/16		03/03/2011 14:54	1	CC155066.D	ZB-MR-2 0.25(mm)
IC 580-81563/16		03/03/2011 14:54	1	CC155066.D	ZB-MR-1 0.25(mm)
IC 580-81563/17		03/03/2011 15:08	1	CC155067.D	ZB-MR-2 0.25(mm)
IC 580-81563/17		03/03/2011 15:08	1	CC155067.D	ZB-MR-1 0.25(mm)
IC 580-81563/18		03/03/2011 15:22	1	CC155068.D	ZB-MR-2 0.25(mm)
IC 580-81563/18		03/03/2011 15:22	1	CC155068.D	ZB-MR-1 0.25(mm)
IC 580-81563/19		03/03/2011 15:36	1	CC155069.D	ZB-MR-2 0.25(mm)
IC 580-81563/19		03/03/2011 15:36	1	CC155069.D	ZB-MR-1 0.25(mm)
IC 580-81563/20		03/03/2011 15:51	1	CC155070.D	ZB-MR-2 0.25(mm)
IC 580-81563/20		03/03/2011 15:51	1	CC155070.D	ZB-MR-1 0.25(mm)
IC 580-81563/21		03/03/2011 16:05	1	CC155071.D	ZB-MR-2 0.25(mm)
IC 580-81563/21		03/03/2011 16:05	1	CC155071.D	ZB-MR-1 0.25(mm)
ICV 580-81563/22		03/03/2011 16:20	1	CC155072.D	ZB-MR-2 0.25(mm)
ICV 580-81563/22		03/03/2011 16:20	1	CC155072.D	ZB-MR-1 0.25(mm)
IC 580-81563/23		03/03/2011 16:34	1	CC155073.D	ZB-MR-2 0.25(mm)
IC 580-81563/23		03/03/2011 16:34	1	CC155073.D	ZB-MR-1 0.25(mm)
IC 580-81563/24		03/03/2011 16:48	1	CC155074.D	ZB-MR-2 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/03/2011 09:34

Analysis Batch Number: 81563 End Date: 03/03/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 580-81563/24		03/03/2011 16:48	1	CC155074.D	ZB-MR-1 0.25(mm)
IC 580-81563/25		03/03/2011 17:02	1	CC155075.D	ZB-MR-2 0.25(mm)
IC 580-81563/25		03/03/2011 17:02	1	CC155075.D	ZB-MR-1 0.25(mm)
IC 580-81563/26		03/03/2011 17:16	1	CC155076.D	ZB-MR-2 0.25(mm)
IC 580-81563/26		03/03/2011 17:16	1	CC155076.D	ZB-MR-1 0.25(mm)
IC 580-81563/27		03/03/2011 17:31	1	CC155077.D	ZB-MR-2 0.25(mm)
IC 580-81563/27		03/03/2011 17:31	1	CC155077.D	ZB-MR-1 0.25(mm)
IC 580-81563/28		03/03/2011 17:45	1	CC155078.D	ZB-MR-2 0.25(mm)
IC 580-81563/28		03/03/2011 17:45	1	CC155078.D	ZB-MR-1 0.25(mm)
ICV 580-81563/29		03/03/2011 17:59	1	CC155079.D	ZB-MR-2 0.25(mm)
ICV 580-81563/29		03/03/2011 17:59	1	CC155079.D	ZB-MR-1 0.25(mm)
IC 580-81563/30		03/03/2011 18:13	1	CC155080.D	ZB-MR-2 0.25(mm)
IC 580-81563/30		03/03/2011 18:13	1	CC155080.D	ZB-MR-1 0.25(mm)
IC 580-81563/31		03/03/2011 18:27	1	CC155081.D	ZB-MR-2 0.25(mm)
IC 580-81563/31		03/03/2011 18:27	1	CC155081.D	ZB-MR-1 0.25(mm)
IC 580-81563/32		03/03/2011 18:41	1	CC155082.D	ZB-MR-2 0.25(mm)
IC 580-81563/32		03/03/2011 18:41	1	CC155082.D	ZB-MR-1 0.25(mm)
IC 580-81563/33		03/03/2011 18:55	1	CC155083.D	ZB-MR-2 0.25(mm)
IC 580-81563/33		03/03/2011 18:55	1	CC155083.D	ZB-MR-1 0.25(mm)
IC 580-81563/34		03/03/2011 19:09	1	CC155084.D	ZB-MR-2 0.25(mm)
IC 580-81563/34		03/03/2011 19:09	1	CC155084.D	ZB-MR-1 0.25(mm)
IC 580-81563/35		03/03/2011 19:24	1	CC155085.D	ZB-MR-2 0.25(mm)
IC 580-81563/35		03/03/2011 19:24	1	CC155085.D	ZB-MR-1 0.25(mm)
ICV 580-81563/36		03/03/2011 19:38	1	CC155086.D	ZB-MR-2 0.25(mm)
ICV 580-81563/36		03/03/2011 19:38	1	CC155086.D	ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/13/2011 12:08

Analysis Batch Number: 82183 End Date: 03/14/2011 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 580-82183/2		03/13/2011 12:08	1		ZB-MR-2 0.25(mm)
CCVRT 580-82183/2		03/13/2011 12:08	1		ZB-MR-1 0.25(mm)
CCV 580-82183/3		03/13/2011 12:22	1		ZB-MR-2 0.25(mm)
CCV 580-82183/3		03/13/2011 12:22	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:00	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:00	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:14	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:14	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:28	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:28	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:43	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 13:57	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 13:57	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 14:11	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 14:11	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 14:25	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 14:25	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 14:39	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 14:39	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 14:54	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 14:54	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 15:08	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 15:08	1		ZB-MR-1 0.25(mm)
CCV 580-82183/14		03/13/2011 15:22	1		ZB-MR-2 0.25(mm)
CCV 580-82183/14		03/13/2011 15:22	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 15:36	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 15:36	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 15:50	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 15:50	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 16:04	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 16:04	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 16:19	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 16:19	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 16:33	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 16:33	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 16:47	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 16:47	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:01	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 17:01	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:15	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 17:15	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:29	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 17:29	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:43	1		ZB-MR-2 0.25(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/13/2011 12:08

Analysis Batch Number: 82183 End Date: 03/14/2011 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/13/2011 17:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 17:58	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 17:58	1		ZB-MR-1 0.25(mm)
CCV 580-82183/26		03/13/2011 18:12	1	CC155290.D	ZB-MR-2 0.25(mm)
CCV 580-82183/26		03/13/2011 18:12	1	CC155290.D	ZB-MR-1 0.25(mm)
MB 580-82167/1-A		03/13/2011 18:26	1	CC155291.D	ZB-MR-2 0.25(mm)
MB 580-82167/1-A		03/13/2011 18:26	1	CC155291.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 18:40	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 18:40	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 18:54	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 18:54	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 19:08	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 19:08	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 19:22	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 19:22	1		ZB-MR-1 0.25(mm)
LCS 580-82167/2-A		03/13/2011 19:37	1	CC155296.D	ZB-MR-2 0.25(mm)
LCS 580-82167/2-A		03/13/2011 19:37	1	CC155296.D	ZB-MR-1 0.25(mm)
LCSD 580-82167/3-A		03/13/2011 19:51	1	CC155297.D	ZB-MR-2 0.25(mm)
LCSD 580-82167/3-A		03/13/2011 19:51	1	CC155297.D	ZB-MR-1 0.25(mm)
580-24938-21	YK-SB17(3-4)	03/13/2011 20:05	1	CC155298.D	ZB-MR-2 0.25(mm)
580-24938-21	YK-SB17(3-4)	03/13/2011 20:05	1	CC155298.D	ZB-MR-1 0.25(mm)
580-24938-22	YK-SB18(0-1)	03/13/2011 20:19	1	CC155299.D	ZB-MR-2 0.25(mm)
580-24938-22	YK-SB18(0-1)	03/13/2011 20:19	1	CC155299.D	ZB-MR-1 0.25(mm)
580-24938-23	YK-SB18(3-4)	03/13/2011 20:33	1	CC155300.D	ZB-MR-2 0.25(mm)
580-24938-23	YK-SB18(3-4)	03/13/2011 20:33	1	CC155300.D	ZB-MR-1 0.25(mm)
CCV 580-82183/37		03/13/2011 20:47	1	CC155301.D	ZB-MR-2 0.25(mm)
CCV 580-82183/37		03/13/2011 20:47	1	CC155301.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 21:01	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 21:01	1		ZB-MR-1 0.25(mm)
580-24938-23 MS	YK-SB18(3-4) MS	03/13/2011 21:16	1	CC155303.D	ZB-MR-2 0.25(mm)
580-24938-23 MS	YK-SB18(3-4) MS	03/13/2011 21:16	1	CC155303.D	ZB-MR-1 0.25(mm)
580-24938-23 MSD	YK-SB18(3-4) MSD	03/13/2011 21:30	1	CC155304.D	ZB-MR-2 0.25(mm)
580-24938-23 MSD	YK-SB18(3-4) MSD	03/13/2011 21:30	1	CC155304.D	ZB-MR-1 0.25(mm)
580-24938-24	YK-MW-6(0-1)	03/13/2011 21:44	1	CC155305.D	ZB-MR-2 0.25(mm)
580-24938-24	YK-MW-6(0-1)	03/13/2011 21:44	1	CC155305.D	ZB-MR-1 0.25(mm)
580-24938-25	YK-SB07(3-4)	03/13/2011 21:58	1	CC155306.D	ZB-MR-2 0.25(mm)
580-24938-25	YK-SB07(3-4)	03/13/2011 21:58	1	CC155306.D	ZB-MR-1 0.25(mm)
580-24938-26	YK-SB01(0-1)	03/13/2011 22:12	1	CC155307.D	ZB-MR-2 0.25(mm)
580-24938-26	YK-SB01(0-1)	03/13/2011 22:12	1	CC155307.D	ZB-MR-1 0.25(mm)
580-24938-27	YK-SB01(4-5)	03/13/2011 22:26	1	CC155308.D	ZB-MR-2 0.25(mm)
580-24938-27	YK-SB01(4-5)	03/13/2011 22:26	1	CC155308.D	ZB-MR-1 0.25(mm)
580-24938-28	YK-SB02(0-1)	03/13/2011 22:40	1	CC155309.D	ZB-MR-2 0.25(mm)
580-24938-28	YK-SB02(0-1)	03/13/2011 22:40	1	CC155309.D	ZB-MR-1 0.25(mm)
580-24938-29	YK-SB02(3-4)	03/13/2011 22:55	1	CC155310.D	ZB-MR-2 0.25(mm)
580-24938-29	YK-SB02(3-4)	03/13/2011 22:55	1	CC155310.D	ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/13/2011 12:08

Analysis Batch Number: 82183 End Date: 03/14/2011 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
580-24938-30	YK-SB03(0-1)	03/13/2011 23:09	1	CC155311.D	ZB-MR-2 0.25(mm)
580-24938-30	YK-SB03(0-1)	03/13/2011 23:09	1	CC155311.D	ZB-MR-1 0.25(mm)
580-24938-31	YK-SB03(3-4)	03/13/2011 23:23	1	CC155312.D	ZB-MR-2 0.25(mm)
580-24938-31	YK-SB03(3-4)	03/13/2011 23:23	1	CC155312.D	ZB-MR-1 0.25(mm)
CCV 580-82183/49		03/13/2011 23:37	1	CC155313.D	ZB-MR-2 0.25(mm)
CCV 580-82183/49		03/13/2011 23:37	1	CC155313.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/13/2011 23:51	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/13/2011 23:51	1		ZB-MR-1 0.25(mm)
580-24938-32	YK-SB04(0-1)	03/14/2011 00:06	1	CC155315.D	ZB-MR-2 0.25(mm)
580-24938-32	YK-SB04(0-1)	03/14/2011 00:06	1	CC155315.D	ZB-MR-1 0.25(mm)
580-24938-33	YK-SB04(4-5)	03/14/2011 00:20	1	CC155316.D	ZB-MR-2 0.25(mm)
580-24938-33	YK-SB04(4-5)	03/14/2011 00:20	1	CC155316.D	ZB-MR-1 0.25(mm)
580-24938-34	YK-SB13(0-1)	03/14/2011 00:34	1	CC155317.D	ZB-MR-2 0.25(mm)
580-24938-34	YK-SB13(0-1)	03/14/2011 00:34	1	CC155317.D	ZB-MR-1 0.25(mm)
580-24938-35	YK-SB13(7-8)	03/14/2011 00:48	1	CC155318.D	ZB-MR-2 0.25(mm)
580-24938-35	YK-SB13(7-8)	03/14/2011 00:48	1	CC155318.D	ZB-MR-1 0.25(mm)
580-24938-36	YK-SB11(0-1)	03/14/2011 01:02	1	CC155319.D	ZB-MR-2 0.25(mm)
580-24938-36	YK-SB11(0-1)	03/14/2011 01:02	1	CC155319.D	ZB-MR-1 0.25(mm)
580-24938-37	YK-SB11(3-4)	03/14/2011 01:16	1	CC155320.D	ZB-MR-2 0.25(mm)
580-24938-37	YK-SB11(3-4)	03/14/2011 01:16	1	CC155320.D	ZB-MR-1 0.25(mm)
580-24938-38	YK-SB12(0-1)	03/14/2011 01:30	1	CC155321.D	ZB-MR-2 0.25(mm)
580-24938-38	YK-SB12(0-1)	03/14/2011 01:30	1	CC155321.D	ZB-MR-1 0.25(mm)
580-24938-39	YK-SB10(0-1)	03/14/2011 01:44	1	CC155322.D	ZB-MR-2 0.25(mm)
580-24938-39	YK-SB10(0-1)	03/14/2011 01:44	1	CC155322.D	ZB-MR-1 0.25(mm)
CCV 580-82183/59		03/14/2011 01:58	1	CC155323.D	ZB-MR-2 0.25(mm)
CCV 580-82183/59		03/14/2011 01:58	1	CC155323.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 02:13	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 02:13	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 02:27	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 02:27	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 02:41	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 02:41	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 02:55	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 02:55	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 03:09	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 03:09	1		ZB-MR-1 0.25(mm)
CCV 580-82183/65		03/14/2011 03:23	1		ZB-MR-2 0.25(mm)
CCV 580-82183/65		03/14/2011 03:23	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 03:38	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 03:38	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 03:52	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 03:52	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 04:06	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 04:06	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 04:20	1		ZB-MR-2 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/13/2011 12:08

Analysis Batch Number: 82183 End Date: 03/14/2011 08:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/14/2011 04:20	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 04:34	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 04:34	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 04:48	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 04:48	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 05:02	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 05:02	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 05:16	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 05:16	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 05:31	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 05:31	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 05:45	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 05:45	1		ZB-MR-1 0.25(mm)
CCV 580-82183/76		03/14/2011 05:59	1		ZB-MR-2 0.25(mm)
CCV 580-82183/76		03/14/2011 05:59	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 06:13	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 06:13	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 06:27	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 06:27	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 06:41	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 06:41	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 06:55	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 06:55	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 07:10	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 07:10	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 07:24	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 07:24	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 07:38	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 07:38	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 07:52	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 07:52	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 08:06	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 08:06	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 08:20	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 08:20	1		ZB-MR-1 0.25(mm)
CCV 580-82183/87		03/14/2011 08:35	1		ZB-MR-2 0.25(mm)
CCV 580-82183/87		03/14/2011 08:35	1		ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/14/2011 10:23

Analysis Batch Number: 82198 End Date: 03/14/2011 22:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 580-82198/2		03/14/2011 10:23	1	CC155353.D	ZB-MR-2 0.25(mm)
CCVRT 580-82198/2		03/14/2011 10:23	1	CC155353.D	ZB-MR-1 0.25(mm)
CCV 580-82198/3		03/14/2011 11:32	1		ZB-MR-2 0.25(mm)
CCV 580-82198/3		03/14/2011 11:32	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 11:46	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 11:46	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 12:00	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 12:00	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 12:14	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 12:14	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 12:29	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 12:29	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 12:43	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 12:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 13:06	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 13:06	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 13:22	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 13:22	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 13:36	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 13:36	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 13:51	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 13:51	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 14:05	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 14:05	1		ZB-MR-1 0.25(mm)
CCV 580-82198/14		03/14/2011 14:19	1		ZB-MR-2 0.25(mm)
CCV 580-82198/14		03/14/2011 14:19	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 14:33	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 14:33	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 14:47	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 14:47	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:01	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:01	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:15	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:15	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:29	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:29	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:43	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:58	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:58	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 16:12	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 16:12	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 16:26	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 16:26	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 16:40	1		ZB-MR-2 0.25(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/14/2011 10:23

Analysis Batch Number: 82198 End Date: 03/14/2011 22:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/14/2011 16:40	1		ZB-MR-1 0.25(mm)
CCV 580-82198/25		03/14/2011 16:54	1	CC155376.D	ZB-MR-2 0.25(mm)
CCV 580-82198/25		03/14/2011 16:54	1	CC155376.D	ZB-MR-1 0.25(mm)
MB 580-82225/1-A		03/14/2011 17:08	1	CC155377.D	ZB-MR-2 0.25(mm)
MB 580-82225/1-A		03/14/2011 17:08	1	CC155377.D	ZB-MR-1 0.25(mm)
LCS 580-82225/2-A		03/14/2011 17:23	1	CC155378.D	ZB-MR-2 0.25(mm)
LCS 580-82225/2-A		03/14/2011 17:23	1	CC155378.D	ZB-MR-1 0.25(mm)
580-24938-1 RE	YK-SB08(0-1) RE	03/14/2011 17:37	1	CC155379.D	ZB-MR-2 0.25(mm)
580-24938-1 RE	YK-SB08(0-1) RE	03/14/2011 17:37	1	CC155379.D	ZB-MR-1 0.25(mm)
580-24938-1 MS	YK-SB08(0-1) MS	03/14/2011 17:51	1	CC155380.D	ZB-MR-2 0.25(mm)
580-24938-1 MS	YK-SB08(0-1) MS	03/14/2011 17:51	1	CC155380.D	ZB-MR-1 0.25(mm)
580-24938-1 MSD	YK-SB08(0-1) MSD	03/14/2011 18:05	1	CC155381.D	ZB-MR-2 0.25(mm)
580-24938-1 MSD	YK-SB08(0-1) MSD	03/14/2011 18:05	1	CC155381.D	ZB-MR-1 0.25(mm)
580-24938-2 RE	YK-SB08(4-5) RE	03/14/2011 18:19	1	CC155382.D	ZB-MR-2 0.25(mm)
580-24938-2 RE	YK-SB08(4-5) RE	03/14/2011 18:19	1	CC155382.D	ZB-MR-1 0.25(mm)
580-24938-3 RE	YK-SB14(0-1) RE	03/14/2011 18:33	1	CC155383.D	ZB-MR-2 0.25(mm)
580-24938-3 RE	YK-SB14(0-1) RE	03/14/2011 18:33	1	CC155383.D	ZB-MR-1 0.25(mm)
580-24938-4 RE	YK-SB14(4-5) RE	03/14/2011 18:47	1	CC155384.D	ZB-MR-2 0.25(mm)
580-24938-4 RE	YK-SB14(4-5) RE	03/14/2011 18:47	1	CC155384.D	ZB-MR-1 0.25(mm)
580-24938-5 RE	YK-SB06(0-1) RE	03/14/2011 19:02	1	CC155385.D	ZB-MR-2 0.25(mm)
580-24938-5 RE	YK-SB06(0-1) RE	03/14/2011 19:02	1	CC155385.D	ZB-MR-1 0.25(mm)
580-24938-6 RE	YK-SB06(4-5) RE	03/14/2011 19:16	1	CC155386.D	ZB-MR-2 0.25(mm)
580-24938-6 RE	YK-SB06(4-5) RE	03/14/2011 19:16	1	CC155386.D	ZB-MR-1 0.25(mm)
CCV 580-82198/36		03/14/2011 19:30	1	CC155387.D	ZB-MR-2 0.25(mm)
CCV 580-82198/36		03/14/2011 19:30	1	CC155387.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 19:44	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 19:44	1		ZB-MR-1 0.25(mm)
580-24938-10 RE	YK-MW-6(4-5) RE	03/14/2011 19:58	1	CC155389.D	ZB-MR-2 0.25(mm)
580-24938-10 RE	YK-MW-6(4-5) RE	03/14/2011 19:58	1	CC155389.D	ZB-MR-1 0.25(mm)
580-24938-11 RE	YK-MW-6(4-5)D RE	03/14/2011 20:12	1	CC155390.D	ZB-MR-2 0.25(mm)
580-24938-11 RE	YK-MW-6(4-5)D RE	03/14/2011 20:12	1	CC155390.D	ZB-MR-1 0.25(mm)
580-24938-12 RE	YK-SB07(0-1) RE	03/14/2011 20:26	1	CC155391.D	ZB-MR-2 0.25(mm)
580-24938-12 RE	YK-SB07(0-1) RE	03/14/2011 20:26	1	CC155391.D	ZB-MR-1 0.25(mm)
580-24938-13 RE	YK-MW-7(0-1) RE	03/14/2011 20:40	1	CC155392.D	ZB-MR-2 0.25(mm)
580-24938-13 RE	YK-MW-7(0-1) RE	03/14/2011 20:40	1	CC155392.D	ZB-MR-1 0.25(mm)
580-24938-14 RE	YK-MW-7(4-5) RE	03/14/2011 20:55	1	CC155393.D	ZB-MR-2 0.25(mm)
580-24938-14 RE	YK-MW-7(4-5) RE	03/14/2011 20:55	1	CC155393.D	ZB-MR-1 0.25(mm)
580-24938-15 RE	YK-MW-5(0-1) RE	03/14/2011 21:09	1	CC155394.D	ZB-MR-2 0.25(mm)
580-24938-15 RE	YK-MW-5(0-1) RE	03/14/2011 21:09	1	CC155394.D	ZB-MR-1 0.25(mm)
580-24938-16 RE	YK-MW-5(2-3) RE	03/14/2011 21:23	1	CC155395.D	ZB-MR-2 0.25(mm)
580-24938-16 RE	YK-MW-5(2-3) RE	03/14/2011 21:23	1	CC155395.D	ZB-MR-1 0.25(mm)
580-24938-17 RE	YK-SB16(0-1) RE	03/14/2011 21:37	1	CC155396.D	ZB-MR-2 0.25(mm)
580-24938-17 RE	YK-SB16(0-1) RE	03/14/2011 21:37	1	CC155396.D	ZB-MR-1 0.25(mm)
580-24938-18 RE	YK-SB16(3-4) RE	03/14/2011 21:51	1	CC155397.D	ZB-MR-2 0.25(mm)
580-24938-18 RE	YK-SB16(3-4) RE	03/14/2011 21:51	1	CC155397.D	ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/14/2011 10:23

Analysis Batch Number: 82198 End Date: 03/14/2011 22:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
580-24938-19 RE	YK-SB17(0-1) RE	03/14/2011 22:05	1	CC155398.D	ZB-MR-2 0.25(mm)
580-24938-19 RE	YK-SB17(0-1) RE	03/14/2011 22:05	1	CC155398.D	ZB-MR-1 0.25(mm)
CCV 580-82198/48		03/14/2011 22:20	1	CC155399.D	ZB-MR-2 0.25(mm)
CCV 580-82198/48		03/14/2011 22:20	1	CC155399.D	ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/15/2011 09:54

Analysis Batch Number: 82292 End Date: 03/15/2011 16:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/15/2011 09:54	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 09:54	1		ZB-MR-1 0.25(mm)
CCVRT 580-82292/2		03/15/2011 10:08	1	CC155405.D	ZB-MR-2 0.25(mm)
CCVRT 580-82292/2		03/15/2011 10:08	1	CC155405.D	ZB-MR-1 0.25(mm)
CCV 580-82292/3		03/15/2011 10:22	1	CC155406.D	ZB-MR-2 0.25(mm)
CCV 580-82292/3		03/15/2011 10:22	1	CC155406.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 10:42	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 10:42	1		ZB-MR-1 0.25(mm)
580-24938-7	YK-SB15(0-1)	03/15/2011 10:56	1	CC155408.D	ZB-MR-2 0.25(mm)
580-24938-7	YK-SB15(0-1)	03/15/2011 10:56	1	CC155408.D	ZB-MR-1 0.25(mm)
580-24938-8	YK-SB15(4-5)	03/15/2011 11:10	1	CC155409.D	ZB-MR-2 0.25(mm)
580-24938-8	YK-SB15(4-5)	03/15/2011 11:10	1	CC155409.D	ZB-MR-1 0.25(mm)
580-24938-20	YK-SB17(0-1)D	03/15/2011 11:25	1	CC155410.D	ZB-MR-2 0.25(mm)
580-24938-20	YK-SB17(0-1)D	03/15/2011 11:25	1	CC155410.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 11:39	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 11:39	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 11:53	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 11:53	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 12:07	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 12:07	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 12:21	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 12:21	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 12:35	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 12:35	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 12:50	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 12:50	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 13:04	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 13:04	1		ZB-MR-1 0.25(mm)
CCV 580-82292/15		03/15/2011 13:18	1	CC155418.D	ZB-MR-2 0.25(mm)
CCV 580-82292/15		03/15/2011 13:18	1	CC155418.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 13:32	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 13:32	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 13:46	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 13:46	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 14:00	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 14:00	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 14:14	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 14:14	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 14:29	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 14:29	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 14:43	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 14:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 14:57	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 14:57	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 15:11	1		ZB-MR-2 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/15/2011 09:54

Analysis Batch Number: 82292 End Date: 03/15/2011 16:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/15/2011 15:11	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 15:25	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 15:25	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 15:40	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 15:40	1		ZB-MR-1 0.25(mm)
CCV 580-82292/26		03/15/2011 16:03	1		ZB-MR-2 0.25(mm)
CCV 580-82292/26		03/15/2011 16:03	1		ZB-MR-1 0.25(mm)

Organic Prep Worksheet

Batch Number: 580-82167
Method: 3550B
Analyst: Brechler, Debbie

Date Open: Mar 12 2011 12:32PM
Batch End: Mar 12 2011 5:15PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	PCBLLSSpk_00020	Pest/PCB Surr_00015
MB~580-82167/1		3550B, 8082		10.0 g	10 mL		100 uL
LCS~580-82167/2		3550B, 8082		10.0 g	10 mL	100 uL	100 uL
LCSD~580-82167/3		3550B, 8082		10.0 g	10 mL	100 uL	100 uL
580-24938-A-21	YK-SB17(3-4)	3550B, 8082	T	10.2348 g	10 mL		100 uL
580-24938-A-22	YK-SB18(0-1)	3550B, 8082	T	10.4193 g	10 mL		100 uL
580-24938-A-23	YK-SB18(3-4)	3550B, 8082	T	10.3713 g	10 mL		100 uL
580-24938-A-23~MS	YK-SB18(3-4)	3550B, 8082	T	10.2441 g	10 mL	100 uL	100 uL
580-24938-A-23~MSD	YK-SB18(3-4)	3550B, 8082	T	10.0864 g	10 mL	100 uL	100 uL
580-24938-A-24	YK-MW-6(0-1)	3550B, 8082	T	10.1733 g	10 mL		100 uL
580-24938-A-25	YK-SB07(3-4)	3550B, 8082	T	10.4299 g	10 mL		100 uL
580-24938-A-26	YK-SB01(0-1)	3550B, 8082	T	10.0369 g	10 mL		100 uL
580-24938-A-27	YK-SB01(4-5)	3550B, 8082	T	10.1983 g	10 mL		100 uL
580-24938-A-28	YK-SB02(0-1)	3550B, 8082	T	10.2510 g	10 mL		100 uL
580-24938-A-29	YK-SB02(3-4)	3550B, 8082	T	10.1571 g	10 mL		100 uL
580-24938-A-30	YK-SB03(0-1)	3550B, 8082	T	10.2370 g	10 mL		100 uL
580-24938-A-31	YK-SB03(3-4)	3550B, 8082	T	10.3927 g	10 mL		100 uL
580-24938-A-32	YK-SB04(0-1)	3550B, 8082	T	10.2248 g	10 mL		100 uL
580-24938-A-33	YK-SB04(4-5)	3550B, 8082	T	10.0734 g	10 mL		100 uL
580-24938-A-34	YK-SB13(0-1)	3550B, 8082	T	10.0755 g	10 mL		100 uL
580-24938-A-35	YK-SB13(7-8)	3550B, 8082	T	10.2532 g	10 mL		100 uL
580-24938-A-36	YK-SB11(0-1)	3550B, 8082	T	10.2187 g	10 mL		100 uL
580-24938-A-37	YK-SB11(3-4)	3550B, 8082	T	10.3902 g	10 mL		100 uL
580-24938-A-38	YK-SB12(0-1)	3550B, 8082	T	10.1390 g	10 mL		100 uL
580-24938-B-39	YK-SB10(0-1)	3550B, 8082	T	10.0495 g	10 mL		100 uL

Prep Solvent Volume Used:	10 mL	Prep Solvent Lot #:	674960
Vendor of Reagent used:	JTB	Exchange Solvent Name:	NA
Person's name who did the concentration:	NA	Exchange Solvent Lot #:	NA
Person's name who witnessed reagent drop:	NA	Blank Soil Lot Number:	652162
Na2SO4 Lot Number:	670822	Florisil Lot #:	NA
Silica Gel Lot Number:	NA	TBA Lot #:	NA
Concentration Start Time:	1450	Filter Paper Lot Number:	NA
Concentration End Time:	1520	Copper Lot #:	NA
Balance ID:	SEA216	Sulfuric Acid Lot Number:	NA
Prep Solvent Name:	Hexane	Water Bath ID:	WB1

Organic Prep Worksheet

Batch Number: 580-82167
Method: 3550B
Analyst: Brechler, Debbie

Date Open: Mar 12 2011 12:32PM
Batch End: Mar 12 2011 5:15PM

ID number of the thermometer:	101696187
Uncorrected Temperature:	59.1 Celsius
Water Bath Temperature:	59.2 Celsius
Uncorrected N-evap Temperature:	NA Celsius
N-evap temperature:	NA Celsius
Clean Blank Lot #:	652162
Clean LCS Lot #:	652162

Organic Prep Worksheet

Batch Number: 580-82167
Method: 3550B
Analyst: Brechler, Debbie

Date Open: Mar 12 2011 12:32PM
Batch End: Mar 12 2011 5:15PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~580-82167/1		3550B, 8082		
LCS~580-82167/2		3550B, 8082		
LCSD~580-82167/3		3550B, 8082		
580-24938-A-21	YK-SB17(3-4)	3550B, 8082	T	
580-24938-A-22	YK-SB18(0-1)	3550B, 8082	T	
580-24938-A-23	YK-SB18(3-4)	3550B, 8082	T	
580-24938-A-23~MS	YK-SB18(3-4)	3550B, 8082	T	
580-24938-A-23~MSD	YK-SB18(3-4)	3550B, 8082	T	
580-24938-A-24	YK-MW-6(0-1)	3550B, 8082	T	
580-24938-A-25	YK-SB07(3-4)	3550B, 8082	T	
580-24938-A-26	YK-SB01(0-1)	3550B, 8082	T	
580-24938-A-27	YK-SB01(4-5)	3550B, 8082	T	
580-24938-A-28	YK-SB02(0-1)	3550B, 8082	T	
580-24938-A-29	YK-SB02(3-4)	3550B, 8082	T	
580-24938-A-30	YK-SB03(0-1)	3550B, 8082	T	
580-24938-A-31	YK-SB03(3-4)	3550B, 8082	T	
580-24938-A-32	YK-SB04(0-1)	3550B, 8082	T	
580-24938-A-33	YK-SB04(4-5)	3550B, 8082	T	
580-24938-A-34	YK-SB13(0-1)	3550B, 8082	T	
580-24938-A-35	YK-SB13(7-8)	3550B, 8082	T	
580-24938-A-36	YK-SB11(0-1)	3550B, 8082	T	
580-24938-A-37	YK-SB11(3-4)	3550B, 8082	T	
580-24938-A-38	YK-SB12(0-1)	3550B, 8082	T	
580-24938-B-39	YK-SB10(0-1)	3550B, 8082	T	

Batch Comment: 3550B for 8082

Organic Prep Worksheet

Batch Number: 580-82225
Method: 3550B
Analyst: Wooten, Kara K

Date Open: Mar 14 2011 12:03PM
Batch End: Mar 14 2011 2:44PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	PCBLLSSpk_00020	Pest/PCB Surr_00015
MB~580-82225/1		3550B, 8082		10 g	10 mL		100 uL
LCS~580-82225/2		3550B, 8082		10 g	10 mL	100 uL	100 uL
580-24938-A-1	YK-SB08(0-1)	3550B, 8082	T	10.2798 g	10 mL		100 uL
580-24938-A-1~MS	YK-SB08(0-1)	3550B, 8082	T	10.1977 g	10 mL	100 uL	100 uL
580-24938-A-1~MSD	YK-SB08(0-1)	3550B, 8082	T	10.1726 g	10 mL	100 uL	100 uL
580-24938-A-2	YK-SB08(4-5)	3550B, 8082	T	10.3681 g	10 mL		100 uL
580-24938-A-3	YK-SB14(0-1)	3550B, 8082	T	10.5220 g	10 mL		100 uL
580-24938-A-4	YK-SB14(4-5)	3550B, 8082	T	10.2248 g	10 mL		100 uL
580-24938-A-5	YK-SB06(0-1)	3550B, 8082	T	10.5956 g	10 mL		100 uL
580-24938-A-6	YK-SB06(4-5)	3550B, 8082	T	10.0923 g	10 mL		100 uL
580-24938-A-7	YK-SB15(0-1)	3550B, 8082	T	10.1565 g	10 mL		100 uL
580-24938-A-8	YK-SB15(4-5)	3550B, 8082	T	10.3859 g	10 mL		100 uL
580-24938-A-10	YK-MW-6(4-5)	3550B, 8082	T	10.3717 g	10 mL		100 uL
580-24938-A-11	YK-MW-6(4-5)D	3550B, 8082	T	10.5599 g	10 mL		100 uL
580-24938-A-12	YK-SB07(0-1)	3550B, 8082	T	10.3249 g	10 mL		100 uL
580-24938-A-13	YK-MW-7(0-1)	3550B, 8082	T	10.5787 g	10 mL		100 uL
580-24938-A-14	YK-MW-7(4-5)	3550B, 8082	T	10.1887 g	10 mL		100 uL
580-24938-A-15	YK-MW-5(0-1)	3550B, 8082	T	10.7222 g	10 mL		100 uL
580-24938-A-16	YK-MW-5(2-3)	3550B, 8082	T	10.2641 g	10 mL		100 uL
580-24938-A-17	YK-SB16(0-1)	3550B, 8082	T	10.7239 g	10 mL		100 uL
580-24938-A-18	YK-SB16(3-4)	3550B, 8082	T	10.6999 g	10 mL		100 uL
580-24938-A-19	YK-SB17(0-1)	3550B, 8082	T	10.6359 g	10 mL		100 uL
580-24938-A-20	YK-SB17(0-1)D	3550B, 8082	T	10.4458 g	10 mL		100 uL

Prep Solvent Volume Used:	10 (verified volumetrically) mL	Exchange Solvent Name:	N/A
Vendor of Reagent used:	JTB	Exchange Solvent Lot #:	N/A
Person's name who did the concentration:	Wooten, Kara	Blank Soil Lot Number:	652162
Person's name who witnessed reagent drop:	None	Florisil Lot #:	N/A
Na2SO4 Lot Number:	670822	TBA Lot #:	N/A
Silica Gel Lot Number:	N/A	Filter Paper Lot Number:	N/A
Concentration Start Time:	N/A	Copper Lot #:	N/A
Concentration End Time:	N/A	Sulfuric Acid Lot Number:	672978
Balance ID:	SEA216	Water Bath ID:	WB1
Prep Solvent Name:	Hexane	ID number of the thermometer:	101696187
Prep Solvent Lot #:	674960	Uncorrected Temperature:	33.5 - 56.9 Celsius

Organic Prep Worksheet

Batch Number: 580-82225
Method: 3550B
Analyst: Wooten, Kara K

Date Open: Mar 14 2011 12:03PM
Batch End: Mar 14 2011 2:44PM

Water Bath Temperature:	33.6 - 57.0 Celsius
Uncorrected N-evap Temperature:	N/A Celsius
N-evap temperature:	N/A Celsius
Clean Blank Lot #:	N/A
Clean LCS Lot #:	N/A

Organic Prep Worksheet

Batch Number: 580-82225
Method: 3550B
Analyst: Wooten, Kara K

Date Open: Mar 14 2011 12:03PM
Batch End: Mar 14 2011 2:44PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~580-82225/1		3550B, 8082		
LCS~580-82225/2		3550B, 8082		
580-24938-A-1	YK-SB08(0-1)	3550B, 8082	T	
580-24938-A-1~MS	YK-SB08(0-1)	3550B, 8082	T	
580-24938-A-1~MSD	YK-SB08(0-1)	3550B, 8082	T	
580-24938-A-2	YK-SB08(4-5)	3550B, 8082	T	
580-24938-A-3	YK-SB14(0-1)	3550B, 8082	T	
580-24938-A-4	YK-SB14(4-5)	3550B, 8082	T	
580-24938-A-5	YK-SB06(0-1)	3550B, 8082	T	
580-24938-A-6	YK-SB06(4-5)	3550B, 8082	T	
580-24938-A-7	YK-SB15(0-1)	3550B, 8082	T	
580-24938-A-8	YK-SB15(4-5)	3550B, 8082	T	
580-24938-A-10	YK-MW-6(4-5)	3550B, 8082	T	
580-24938-A-11	YK-MW-6(4-5)D	3550B, 8082	T	
580-24938-A-12	YK-SB07(0-1)	3550B, 8082	T	
580-24938-A-13	YK-MW-7(0-1)	3550B, 8082	T	
580-24938-A-14	YK-MW-7(4-5)	3550B, 8082	T	
580-24938-A-15	YK-MW-5(0-1)	3550B, 8082	T	
580-24938-A-16	YK-MW-5(2-3)	3550B, 8082	T	
580-24938-A-17	YK-SB16(0-1)	3550B, 8082	T	
580-24938-A-18	YK-SB16(3-4)	3550B, 8082	T	
580-24938-A-19	YK-SB17(0-1)	3550B, 8082	T	
580-24938-A-20	YK-SB17(0-1)D	3550B, 8082	T	

Batch Comment: Method 3550B, 8082

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24938-1

SDG No.:

Project: Yakima, WA Phase II

Client Sample ID	Lab Sample ID
YK-SB08(0-1)	580-24938-1
YK-SB08(4-5)	580-24938-2
YK-SB14(0-1)	580-24938-3
YK-SB14(4-5)	580-24938-4
YK-SB06(0-1)	580-24938-5
YK-SB06(4-5)	580-24938-6
YK-SB15(0-1)	580-24938-7
YK-SB15(4-5)	580-24938-8
YK-MW-6(4-5)	580-24938-10
YK-MW-6(4-5)D	580-24938-11
YK-SB07(0-1)	580-24938-12
YK-MW-7(0-1)	580-24938-13
YK-MW-7(4-5)	580-24938-14
YK-MW-5(0-1)	580-24938-15
YK-MW-5(2-3)	580-24938-16
YK-SB16(0-1)	580-24938-17
YK-SB16(3-4)	580-24938-18
YK-SB17(0-1)	580-24938-19
YK-SB17(0-1)D	580-24938-20
YK-SB17(3-4)	580-24938-21
YK-SB18(0-1)	580-24938-22
YK-SB18(3-4)	580-24938-23
YK-MW-6(0-1)	580-24938-24
YK-SB07(3-4)	580-24938-25
YK-SB01(0-1)	580-24938-26
YK-SB01(4-5)	580-24938-27
YK-SB02(0-1)	580-24938-28
YK-SB02(3-4)	580-24938-29
YK-SB03(0-1)	580-24938-30
YK-SB03(3-4)	580-24938-31
YK-SB04(0-1)	580-24938-32
YK-SB04(4-5)	580-24938-33
YK-SB13(0-1)	580-24938-34
YK-SB13(7-8)	580-24938-35
YK-SB11(0-1)	580-24938-36
YK-SB11(3-4)	580-24938-37
YK-SB12(0-1)	580-24938-38
YK-SB10(0-1)	580-24938-39

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB08(0-1) Lab Sample ID: 580-24938-1

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 15:30

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 79.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	5.2	0.49	0.36	mg/Kg			10	6020
7440-36-0	Antimony	0.074	0.19	0.0078	mg/Kg	J	B	10	6020
7440-39-3	Barium	150	0.19	0.012	mg/Kg			10	6020
7440-41-7	Beryllium	0.39	0.19	0.021	mg/Kg			10	6020
7440-43-9	Cadmium	0.11	0.19	0.0078	mg/Kg	J		10	6020
7440-47-3	Chromium	10	0.19	0.070	mg/Kg			10	6020
7440-50-8	Copper	20	0.19	0.095	mg/Kg			10	6020
7439-92-1	Lead	13	0.19	0.0078	mg/Kg			10	6020
7439-98-7	Molybdenum	0.37	0.39	0.018	mg/Kg	J		10	6020
7440-02-0	Nickel	9.4	0.19	0.018	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.68	0.58	mg/Kg			10	6020
7440-22-4	Silver	0.12	0.19	0.0068	mg/Kg	J		10	6020
7440-31-5	Tin	0.49	0.49	0.012	mg/Kg		B	10	6020
7440-66-6	Zinc	43	0.68	0.20	mg/Kg			10	6020
7439-97-6	Mercury	0.014	0.020	0.0064	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB08(4-5) Lab Sample ID: 580-24938-2

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 15:40

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 75.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.0	0.55	0.41	mg/Kg			10	6020
7440-36-0	Antimony	0.055	0.22	0.0088	mg/Kg	J	B	10	6020
7440-39-3	Barium	130	0.22	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.42	0.22	0.024	mg/Kg			10	6020
7440-43-9	Cadmium	0.077	0.22	0.0088	mg/Kg	J		10	6020
7440-47-3	Chromium	10	0.22	0.079	mg/Kg			10	6020
7440-50-8	Copper	20	0.22	0.11	mg/Kg			10	6020
7439-92-1	Lead	6.3	0.22	0.0088	mg/Kg			10	6020
7439-98-7	Molybdenum	0.35	0.44	0.020	mg/Kg	J		10	6020
7440-02-0	Nickel	10	0.22	0.020	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.77	0.66	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.22	0.0077	mg/Kg	J		10	6020
7440-31-5	Tin	0.45	0.55	0.013	mg/Kg	J	B	10	6020
7440-66-6	Zinc	43	0.77	0.22	mg/Kg			10	6020
7439-97-6	Mercury	0.011	0.016	0.0049	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB14(0-1) Lab Sample ID: 580-24938-3

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 16:04

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 76.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.1	0.49	0.36	mg/Kg			10	6020
7440-36-0	Antimony	0.066	0.20	0.0079	mg/Kg	J	B	10	6020
7440-39-3	Barium	110	0.20	0.012	mg/Kg			10	6020
7440-41-7	Beryllium	0.32	0.20	0.022	mg/Kg			10	6020
7440-43-9	Cadmium	0.094	0.20	0.0079	mg/Kg	J		10	6020
7440-47-3	Chromium	10	0.20	0.071	mg/Kg			10	6020
7440-50-8	Copper	19	0.20	0.096	mg/Kg			10	6020
7439-92-1	Lead	12	0.20	0.0079	mg/Kg			10	6020
7439-98-7	Molybdenum	0.28	0.39	0.018	mg/Kg	J		10	6020
7440-02-0	Nickel	8.3	0.20	0.018	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.69	0.59	mg/Kg			10	6020
7440-22-4	Silver	0.11	0.20	0.0069	mg/Kg	J		10	6020
7440-31-5	Tin	0.47	0.49	0.012	mg/Kg	J	B	10	6020
7440-66-6	Zinc	45	0.69	0.20	mg/Kg			10	6020
7439-97-6	Mercury	0.016	0.018	0.0058	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB14(4-5) Lab Sample ID: 580-24938-4

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 16:15

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 68.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.2	0.64	0.47	mg/Kg			10	6020
7440-36-0	Antimony	0.065	0.26	0.010	mg/Kg	J	B	10	6020
7440-39-3	Barium	140	0.26	0.015	mg/Kg			10	6020
7440-41-7	Beryllium	0.44	0.26	0.028	mg/Kg			10	6020
7440-43-9	Cadmium	0.069	0.26	0.010	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.26	0.093	mg/Kg			10	6020
7440-50-8	Copper	19	0.26	0.13	mg/Kg			10	6020
7439-92-1	Lead	4.0	0.26	0.010	mg/Kg			10	6020
7439-98-7	Molybdenum	0.32	0.51	0.023	mg/Kg	J		10	6020
7440-02-0	Nickel	8.5	0.26	0.023	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.90	0.77	mg/Kg			10	6020
7440-22-4	Silver	0.13	0.26	0.0090	mg/Kg	J		10	6020
7440-31-5	Tin	0.48	0.64	0.015	mg/Kg	J	B	10	6020
7440-66-6	Zinc	40	0.90	0.26	mg/Kg			10	6020
7439-97-6	Mercury	0.011	0.020	0.0062	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB06(0-1) Lab Sample ID: 580-24938-5

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 16:40

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 80.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.0	0.55	0.40	mg/Kg			10	6020
7440-36-0	Antimony	0.062	0.22	0.0088	mg/Kg	J	B	10	6020
7440-39-3	Barium	98	0.22	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.33	0.22	0.024	mg/Kg			10	6020
7440-43-9	Cadmium	0.088	0.22	0.0088	mg/Kg	J		10	6020
7440-47-3	Chromium	9.3	0.22	0.079	mg/Kg			10	6020
7440-50-8	Copper	19	0.22	0.11	mg/Kg			10	6020
7439-92-1	Lead	9.5	0.22	0.0088	mg/Kg			10	6020
7439-98-7	Molybdenum	0.34	0.44	0.020	mg/Kg	J		10	6020
7440-02-0	Nickel	8.2	0.22	0.020	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.77	0.66	mg/Kg			10	6020
7440-22-4	Silver	0.11	0.22	0.0077	mg/Kg	J		10	6020
7440-31-5	Tin	0.52	0.55	0.013	mg/Kg	J	B	10	6020
7440-66-6	Zinc	42	0.77	0.22	mg/Kg			10	6020
7439-97-6	Mercury	0.023	0.020	0.0064	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB06(4-5) Lab Sample ID: 580-24938-6

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 16:50

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 77.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.5	0.55	0.40	mg/Kg			10	6020
7440-36-0	Antimony	0.073	0.22	0.0088	mg/Kg	J	B	10	6020
7440-39-3	Barium	150	0.22	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.57	0.22	0.024	mg/Kg			10	6020
7440-43-9	Cadmium	0.081	0.22	0.0088	mg/Kg	J		10	6020
7440-47-3	Chromium	16	0.22	0.079	mg/Kg			10	6020
7440-50-8	Copper	23	0.22	0.11	mg/Kg			10	6020
7439-92-1	Lead	5.7	0.22	0.0088	mg/Kg			10	6020
7439-98-7	Molybdenum	0.32	0.44	0.020	mg/Kg	J		10	6020
7440-02-0	Nickel	11	0.22	0.020	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.77	0.66	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.22	0.0077	mg/Kg	J		10	6020
7440-31-5	Tin	0.65	0.55	0.013	mg/Kg		B	10	6020
7440-66-6	Zinc	55	0.77	0.22	mg/Kg			10	6020
7439-97-6	Mercury	0.011	0.020	0.0062	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB15(0-1) Lab Sample ID: 580-24938-7

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 17:10

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 79.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.7	0.47	0.35	mg/Kg			10	6020
7440-36-0	Antimony	0.051	0.19	0.0075	mg/Kg	J	B	10	6020
7440-39-3	Barium	110	0.19	0.011	mg/Kg			10	6020
7440-41-7	Beryllium	0.40	0.19	0.021	mg/Kg			10	6020
7440-43-9	Cadmium	0.070	0.19	0.0075	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.19	0.068	mg/Kg			10	6020
7440-50-8	Copper	17	0.19	0.092	mg/Kg			10	6020
7439-92-1	Lead	11	0.19	0.0075	mg/Kg			10	6020
7439-98-7	Molybdenum	0.33	0.38	0.017	mg/Kg	J		10	6020
7440-02-0	Nickel	8.0	0.19	0.017	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.66	0.56	mg/Kg			10	6020
7440-22-4	Silver	0.13	0.19	0.0066	mg/Kg	J		10	6020
7440-31-5	Tin	0.48	0.47	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	45	0.66	0.19	mg/Kg			10	6020
7439-97-6	Mercury	0.0094	0.016	0.0050	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB15(4-5) Lab Sample ID: 580-24938-8

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/10/2011 17:25

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 79.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.8	0.42	0.31	mg/Kg			10	6020
7440-36-0	Antimony	0.065	0.17	0.0067	mg/Kg	J	B	10	6020
7440-39-3	Barium	130	0.17	0.010	mg/Kg			10	6020
7440-41-7	Beryllium	0.47	0.17	0.018	mg/Kg			10	6020
7440-43-9	Cadmium	0.073	0.17	0.0067	mg/Kg	J		10	6020
7440-47-3	Chromium	16	0.17	0.060	mg/Kg			10	6020
7440-50-8	Copper	20	0.17	0.082	mg/Kg			10	6020
7439-92-1	Lead	5.0	0.17	0.0067	mg/Kg			10	6020
7439-98-7	Molybdenum	0.40	0.33	0.015	mg/Kg			10	6020
7440-02-0	Nickel	12	0.17	0.015	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.59	0.50	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.17	0.0059	mg/Kg	J		10	6020
7440-31-5	Tin	0.57	0.42	0.010	mg/Kg		B	10	6020
7440-66-6	Zinc	48	0.59	0.17	mg/Kg			10	6020
7439-97-6	Mercury	0.013	0.014	0.0044	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-6(4-5) Lab Sample ID: 580-24938-10

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 10:20

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 76.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.0	0.50	0.37	mg/Kg			10	6020
7440-36-0	Antimony	0.069	0.20	0.0079	mg/Kg	J	B	10	6020
7440-39-3	Barium	140	0.20	0.012	mg/Kg			10	6020
7440-41-7	Beryllium	0.48	0.20	0.022	mg/Kg			10	6020
7440-43-9	Cadmium	0.062	0.20	0.0079	mg/Kg	J		10	6020
7440-47-3	Chromium	14	0.20	0.071	mg/Kg			10	6020
7440-50-8	Copper	19	0.20	0.097	mg/Kg			10	6020
7439-92-1	Lead	7.0	0.20	0.0079	mg/Kg			10	6020
7439-98-7	Molybdenum	0.40	0.40	0.018	mg/Kg			10	6020
7440-02-0	Nickel	10	0.20	0.018	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.70	0.60	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.20	0.0070	mg/Kg	J		10	6020
7440-31-5	Tin	0.55	0.50	0.012	mg/Kg		B	10	6020
7440-66-6	Zinc	47	0.70	0.20	mg/Kg			10	6020
7439-97-6	Mercury	0.011	0.020	0.0063	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-6(4-5)D
Lab Sample ID: 580-24938-11
Lab Name: TestAmerica Seattle
Job No.: 580-24938-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/11/2011 10:21
Reporting Basis: DRY
Date Received: 03/12/2011 09:25
% Solids: 70.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.0	0.61	0.45	mg/Kg			10	6020
7440-36-0	Antimony	0.075	0.25	0.0098	mg/Kg	J	B	10	6020
7440-39-3	Barium	130	0.25	0.015	mg/Kg			10	6020
7440-41-7	Beryllium	0.52	0.25	0.027	mg/Kg			10	6020
7440-43-9	Cadmium	0.063	0.25	0.0098	mg/Kg	J		10	6020
7440-47-3	Chromium	13	0.25	0.088	mg/Kg			10	6020
7440-50-8	Copper	20	0.25	0.12	mg/Kg			10	6020
7439-92-1	Lead	8.6	0.25	0.0098	mg/Kg			10	6020
7439-98-7	Molybdenum	0.38	0.49	0.022	mg/Kg	J		10	6020
7440-02-0	Nickel	9.8	0.25	0.022	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.86	0.74	mg/Kg			10	6020
7440-22-4	Silver	0.17	0.25	0.0086	mg/Kg	J		10	6020
7440-31-5	Tin	0.61	0.61	0.015	mg/Kg		B	10	6020
7440-66-6	Zinc	44	0.86	0.25	mg/Kg			10	6020
7439-97-6	Mercury	0.013	0.018	0.0056	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB07(0-1) Lab Sample ID: 580-24938-12

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 10:45

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 75.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.1	0.54	0.40	mg/Kg			10	6020
7440-36-0	Antimony	0.088	0.22	0.0086	mg/Kg	J	B	10	6020
7440-39-3	Barium	120	0.22	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.47	0.22	0.024	mg/Kg			10	6020
7440-43-9	Cadmium	0.18	0.22	0.0086	mg/Kg	J		10	6020
7440-47-3	Chromium	14	0.22	0.078	mg/Kg			10	6020
7440-50-8	Copper	23	0.22	0.11	mg/Kg			10	6020
7439-92-1	Lead	14	0.22	0.0086	mg/Kg			10	6020
7439-98-7	Molybdenum	0.51	0.43	0.019	mg/Kg			10	6020
7440-02-0	Nickel	11	0.22	0.019	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.75	0.65	mg/Kg			10	6020
7440-22-4	Silver	0.17	0.22	0.0075	mg/Kg	J		10	6020
7440-31-5	Tin	0.63	0.54	0.013	mg/Kg		B	10	6020
7440-66-6	Zinc	60	0.75	0.22	mg/Kg			10	6020
7439-97-6	Mercury	0.024	0.019	0.0060	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-7(0-1) Lab Sample ID: 580-24938-13

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 07:37

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 79.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.0	0.53	0.39	mg/Kg			10	6020
7440-36-0	Antimony	0.066	0.21	0.0085	mg/Kg	J	B	10	6020
7440-39-3	Barium	120	0.21	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.45	0.21	0.023	mg/Kg			10	6020
7440-43-9	Cadmium	0.094	0.21	0.0085	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.21	0.076	mg/Kg			10	6020
7440-50-8	Copper	19	0.21	0.10	mg/Kg			10	6020
7439-92-1	Lead	11	0.21	0.0085	mg/Kg			10	6020
7439-98-7	Molybdenum	0.40	0.42	0.019	mg/Kg	J		10	6020
7440-02-0	Nickel	8.5	0.21	0.019	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.74	0.64	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.21	0.0074	mg/Kg	J		10	6020
7440-31-5	Tin	0.50	0.53	0.013	mg/Kg	J	B	10	6020
7440-66-6	Zinc	50	0.74	0.21	mg/Kg			10	6020
7439-97-6	Mercury	0.018	0.018	0.0057	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-7(4-5) Lab Sample ID: 580-24938-14

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 07:45

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 75.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.0	0.51	0.38	mg/Kg			10	6020
7440-36-0	Antimony	0.077	0.20	0.0082	mg/Kg	J	B	10	6020
7440-39-3	Barium	150	0.20	0.012	mg/Kg			10	6020
7440-41-7	Beryllium	0.53	0.20	0.022	mg/Kg			10	6020
7440-43-9	Cadmium	0.060	0.20	0.0082	mg/Kg	J		10	6020
7440-47-3	Chromium	17	0.20	0.073	mg/Kg			10	6020
7440-50-8	Copper	22	0.20	0.10	mg/Kg			10	6020
7439-92-1	Lead	5.8	0.20	0.0082	mg/Kg			10	6020
7439-98-7	Molybdenum	0.62	0.41	0.018	mg/Kg			10	6020
7440-02-0	Nickel	13	0.20	0.018	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.71	0.61	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.20	0.0071	mg/Kg	J		10	6020
7440-31-5	Tin	0.63	0.51	0.012	mg/Kg		B	10	6020
7440-66-6	Zinc	50	0.71	0.21	mg/Kg			10	6020
7439-97-6	Mercury	0.014	0.018	0.0055	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-5(0-1) Lab Sample ID: 580-24938-15

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 08:30

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 80.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.4	0.60	0.44	mg/Kg			10	6020
7440-36-0	Antimony	0.052	0.24	0.0096	mg/Kg	J	B	10	6020
7440-39-3	Barium	110	0.24	0.014	mg/Kg			10	6020
7440-41-7	Beryllium	0.39	0.24	0.026	mg/Kg			10	6020
7440-43-9	Cadmium	0.085	0.24	0.0096	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.24	0.087	mg/Kg			10	6020
7440-50-8	Copper	19	0.24	0.12	mg/Kg			10	6020
7439-92-1	Lead	5.2	0.24	0.0096	mg/Kg			10	6020
7439-98-7	Molybdenum	0.34	0.48	0.022	mg/Kg	J		10	6020
7440-02-0	Nickel	8.2	0.24	0.022	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.84	0.72	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.24	0.0084	mg/Kg	J		10	6020
7440-31-5	Tin	0.46	0.60	0.014	mg/Kg	J	B	10	6020
7440-66-6	Zinc	48	0.84	0.24	mg/Kg			10	6020
7439-97-6	Mercury	0.011	0.014	0.0043	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-5(2-3) Lab Sample ID: 580-24938-16

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 08:35

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 74.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.7	0.67	0.49	mg/Kg			10	6020
7440-36-0	Antimony	0.072	0.27	0.011	mg/Kg	J	B	10	6020
7440-39-3	Barium	160	0.27	0.016	mg/Kg			10	6020
7440-41-7	Beryllium	0.56	0.27	0.029	mg/Kg			10	6020
7440-43-9	Cadmium	0.077	0.27	0.011	mg/Kg	J		10	6020
7440-47-3	Chromium	17	0.27	0.096	mg/Kg			10	6020
7440-50-8	Copper	25	0.27	0.13	mg/Kg			10	6020
7439-92-1	Lead	5.8	0.27	0.011	mg/Kg			10	6020
7439-98-7	Molybdenum	0.38	0.53	0.024	mg/Kg	J		10	6020
7440-02-0	Nickel	13	0.27	0.024	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.94	0.80	mg/Kg			10	6020
7440-22-4	Silver	0.17	0.27	0.0094	mg/Kg	J		10	6020
7440-31-5	Tin	0.66	0.67	0.016	mg/Kg	J	B	10	6020
7440-66-6	Zinc	53	0.94	0.27	mg/Kg			10	6020
7439-97-6	Mercury	0.016	0.021	0.0067	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB16(0-1) Lab Sample ID: 580-24938-17

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 08:45

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 73.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.8	0.52	0.39	mg/Kg			10	6020
7440-36-0	Antimony	0.057	0.21	0.0084	mg/Kg	J	B	10	6020
7440-39-3	Barium	130	0.21	0.013	mg/Kg			10	6020
7440-41-7	Beryllium	0.40	0.21	0.023	mg/Kg			10	6020
7440-43-9	Cadmium	0.071	0.21	0.0084	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.21	0.075	mg/Kg			10	6020
7440-50-8	Copper	21	0.21	0.10	mg/Kg			10	6020
7439-92-1	Lead	4.2	0.21	0.0084	mg/Kg			10	6020
7439-98-7	Molybdenum	0.29	0.42	0.019	mg/Kg	J		10	6020
7440-02-0	Nickel	9.9	0.21	0.019	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.73	0.63	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.21	0.0073	mg/Kg	J		10	6020
7440-31-5	Tin	0.49	0.52	0.013	mg/Kg	J	B	10	6020
7440-66-6	Zinc	39	0.73	0.21	mg/Kg			10	6020
7439-97-6	Mercury	0.020	0.015	0.0048	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB16(3-4) Lab Sample ID: 580-24938-18

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 09:00

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 77.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.7	0.48	0.35	mg/Kg			10	6020
7440-36-0	Antimony	0.056	0.19	0.0076	mg/Kg	J	B	10	6020
7440-39-3	Barium	160	0.19	0.011	mg/Kg			10	6020
7440-41-7	Beryllium	0.59	0.19	0.021	mg/Kg			10	6020
7440-43-9	Cadmium	0.073	0.19	0.0076	mg/Kg	J		10	6020
7440-47-3	Chromium	17	0.19	0.068	mg/Kg			10	6020
7440-50-8	Copper	23	0.19	0.093	mg/Kg			10	6020
7439-92-1	Lead	5.4	0.19	0.0076	mg/Kg			10	6020
7439-98-7	Molybdenum	0.34	0.38	0.017	mg/Kg	J		10	6020
7440-02-0	Nickel	12	0.19	0.017	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.67	0.57	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.19	0.0067	mg/Kg	J		10	6020
7440-31-5	Tin	0.63	0.48	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	51	0.67	0.19	mg/Kg			10	6020
7439-97-6	Mercury	0.015	0.014	0.0044	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB17(0-1) Lab Sample ID: 580-24938-19

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 09:20

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 77.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.5	0.45	0.33	mg/Kg			10	6020
7440-36-0	Antimony	0.060	0.18	0.0072	mg/Kg	J	B	10	6020
7440-39-3	Barium	120	0.18	0.011	mg/Kg			10	6020
7440-41-7	Beryllium	0.40	0.18	0.020	mg/Kg			10	6020
7440-43-9	Cadmium	0.088	0.18	0.0072	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.18	0.065	mg/Kg			10	6020
7440-50-8	Copper	19	0.18	0.088	mg/Kg			10	6020
7439-92-1	Lead	7.4	0.18	0.0072	mg/Kg			10	6020
7439-98-7	Molybdenum	0.39	0.36	0.016	mg/Kg			10	6020
7440-02-0	Nickel	8.4	0.18	0.016	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.63	0.54	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.18	0.0063	mg/Kg	J		10	6020
7440-31-5	Tin	0.47	0.45	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	43	0.63	0.18	mg/Kg			10	6020
7439-97-6	Mercury	0.011	0.021	0.0066	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB17(0-1)D
Lab Sample ID: 580-24938-20
Lab Name: TestAmerica Seattle
Job No.: 580-24938-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/11/2011 09:21
Reporting Basis: DRY
Date Received: 03/12/2011 09:25
% Solids: 79.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.8	0.39	0.29	mg/Kg			10	6020
7440-36-0	Antimony	0.071	0.16	0.0062	mg/Kg	J	B	10	6020
7440-39-3	Barium	120	0.16	0.0093	mg/Kg			10	6020
7440-41-7	Beryllium	0.40	0.16	0.017	mg/Kg			10	6020
7440-43-9	Cadmium	0.091	0.16	0.0062	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.16	0.056	mg/Kg			10	6020
7440-50-8	Copper	20	0.16	0.076	mg/Kg			10	6020
7439-92-1	Lead	13	0.16	0.0062	mg/Kg			10	6020
7439-98-7	Molybdenum	0.38	0.31	0.014	mg/Kg			10	6020
7440-02-0	Nickel	8.5	0.16	0.014	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.54	0.47	mg/Kg			10	6020
7440-22-4	Silver	0.12	0.16	0.0054	mg/Kg	J		10	6020
7440-31-5	Tin	0.62	0.39	0.0093	mg/Kg		B	10	6020
7440-66-6	Zinc	47	0.54	0.16	mg/Kg			10	6020
7439-97-6	Mercury	0.013	0.017	0.0053	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB17(3-4) Lab Sample ID: 580-24938-21

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 09:30

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 68.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.2	0.62	0.45	mg/Kg			10	6020
7440-36-0	Antimony	0.068	0.25	0.0099	mg/Kg	J		10	6020
7440-39-3	Barium	110	0.25	0.015	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.45	0.25	0.027	mg/Kg			10	6020
7440-43-9	Cadmium	0.053	0.25	0.0099	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.25	0.089	mg/Kg			10	6020
7440-50-8	Copper	21	0.25	0.12	mg/Kg			10	6020
7439-92-1	Lead	4.7	0.25	0.0099	mg/Kg			10	6020
7439-98-7	Molybdenum	0.35	0.49	0.022	mg/Kg	J		10	6020
7440-02-0	Nickel	9.2	0.25	0.022	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.86	0.74	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.25	0.0086	mg/Kg	J		10	6020
7440-31-5	Tin	0.59	0.62	0.015	mg/Kg	J	B	10	6020
7440-66-6	Zinc	41	0.86	0.25	mg/Kg		B	10	6020
7439-97-6	Mercury	0.013	0.022	0.0068	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB18(0-1) Lab Sample ID: 580-24938-22

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 09:45

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 79.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.3	0.44	0.32	mg/Kg			10	6020
7440-36-0	Antimony	0.24	0.18	0.0070	mg/Kg			10	6020
7440-39-3	Barium	120	0.18	0.011	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.39	0.18	0.019	mg/Kg			10	6020
7440-43-9	Cadmium	0.65	0.18	0.0070	mg/Kg			10	6020
7440-47-3	Chromium	24	0.18	0.063	mg/Kg			10	6020
7440-50-8	Copper	43	0.18	0.086	mg/Kg			10	6020
7439-92-1	Lead	81	0.18	0.0070	mg/Kg			10	6020
7439-98-7	Molybdenum	2.2	0.35	0.016	mg/Kg			10	6020
7440-02-0	Nickel	9.5	0.18	0.016	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.61	0.53	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.18	0.0061	mg/Kg	J		10	6020
7440-31-5	Tin	0.65	0.44	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	59	0.61	0.18	mg/Kg		B	10	6020
7439-97-6	Mercury	0.015	0.014	0.0044	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB18(3-4) Lab Sample ID: 580-24938-23

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 09:50

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 75.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.2	0.47	0.34	mg/Kg			10	6020
7440-36-0	Antimony	0.075	0.19	0.0075	mg/Kg	J		10	6020
7440-39-3	Barium	160	0.19	0.011	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.54	0.19	0.021	mg/Kg			10	6020
7440-43-9	Cadmium	0.069	0.19	0.0075	mg/Kg	J		10	6020
7440-47-3	Chromium	17	0.19	0.067	mg/Kg			10	6020
7440-50-8	Copper	22	0.19	0.092	mg/Kg			10	6020
7439-92-1	Lead	5.2	0.19	0.0075	mg/Kg			10	6020
7439-98-7	Molybdenum	0.44	0.37	0.017	mg/Kg			10	6020
7440-02-0	Nickel	12	0.19	0.017	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.65	0.56	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.19	0.0065	mg/Kg	J		10	6020
7440-31-5	Tin	0.62	0.47	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	47	0.65	0.19	mg/Kg		B	10	6020
7439-97-6	Mercury	0.018	0.020	0.0063	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-6(0-1) Lab Sample ID: 580-24938-24

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 10:15

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 77.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	4.0	0.60	0.44	mg/Kg			10	6020
7440-36-0	Antimony	0.94	0.24	0.0097	mg/Kg			10	6020
7440-39-3	Barium	120	0.24	0.014	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.46	0.24	0.027	mg/Kg			10	6020
7440-43-9	Cadmium	0.49	0.24	0.0097	mg/Kg			10	6020
7440-47-3	Chromium	24	0.24	0.087	mg/Kg			10	6020
7440-50-8	Copper	39	0.24	0.12	mg/Kg			10	6020
7439-92-1	Lead	59	0.24	0.0097	mg/Kg			10	6020
7439-98-7	Molybdenum	1.2	0.48	0.022	mg/Kg			10	6020
7440-02-0	Nickel	15	0.24	0.022	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.85	0.72	mg/Kg			10	6020
7440-22-4	Silver	0.25	0.24	0.0085	mg/Kg			10	6020
7440-31-5	Tin	0.95	0.60	0.014	mg/Kg		B	10	6020
7440-66-6	Zinc	81	0.85	0.24	mg/Kg		B	10	6020
7439-97-6	Mercury	0.033	0.015	0.0047	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB07(3-4) Lab Sample ID: 580-24938-25

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 10:55

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 75.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.9	0.60	0.44	mg/Kg			10	6020
7440-36-0	Antimony	0.071	0.24	0.0097	mg/Kg	J		10	6020
7440-39-3	Barium	160	0.24	0.014	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.48	0.24	0.027	mg/Kg			10	6020
7440-43-9	Cadmium	0.072	0.24	0.0097	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.24	0.087	mg/Kg			10	6020
7440-50-8	Copper	22	0.24	0.12	mg/Kg			10	6020
7439-92-1	Lead	5.3	0.24	0.0097	mg/Kg			10	6020
7439-98-7	Molybdenum	0.54	0.48	0.022	mg/Kg			10	6020
7440-02-0	Nickel	11	0.24	0.022	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.85	0.72	mg/Kg			10	6020
7440-22-4	Silver	0.17	0.24	0.0085	mg/Kg	J		10	6020
7440-31-5	Tin	0.61	0.60	0.014	mg/Kg		B	10	6020
7440-66-6	Zinc	43	0.85	0.24	mg/Kg		B	10	6020
7439-97-6	Mercury	0.061	0.022	0.0069	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB01(0-1) Lab Sample ID: 580-24938-26

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 11:05

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 79.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.7	0.51	0.37	mg/Kg			10	6020
7440-36-0	Antimony	0.084	0.20	0.0081	mg/Kg	J		10	6020
7440-39-3	Barium	96	0.20	0.012	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.30	0.20	0.022	mg/Kg			10	6020
7440-43-9	Cadmium	0.12	0.20	0.0081	mg/Kg	J		10	6020
7440-47-3	Chromium	18	0.20	0.073	mg/Kg			10	6020
7440-50-8	Copper	28	0.20	0.099	mg/Kg			10	6020
7439-92-1	Lead	18	0.20	0.0081	mg/Kg			10	6020
7439-98-7	Molybdenum	0.70	0.41	0.018	mg/Kg			10	6020
7440-02-0	Nickel	13	0.20	0.018	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.71	0.61	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.20	0.0071	mg/Kg	J		10	6020
7440-31-5	Tin	0.52	0.51	0.012	mg/Kg		B	10	6020
7440-66-6	Zinc	42	0.71	0.20	mg/Kg		B	10	6020
7439-97-6	Mercury	0.029	0.016	0.0051	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB01(4-5) Lab Sample ID: 580-24938-27

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 11:15

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 79.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.6	0.46	0.34	mg/Kg			10	6020
7440-36-0	Antimony	0.065	0.18	0.0073	mg/Kg	J		10	6020
7440-39-3	Barium	150	0.18	0.011	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.48	0.18	0.020	mg/Kg			10	6020
7440-43-9	Cadmium	0.085	0.18	0.0073	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.18	0.066	mg/Kg			10	6020
7440-50-8	Copper	19	0.18	0.090	mg/Kg			10	6020
7439-92-1	Lead	7.2	0.18	0.0073	mg/Kg			10	6020
7439-98-7	Molybdenum	0.47	0.37	0.016	mg/Kg			10	6020
7440-02-0	Nickel	8.7	0.18	0.016	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.64	0.55	mg/Kg			10	6020
7440-22-4	Silver	0.12	0.18	0.0064	mg/Kg	J		10	6020
7440-31-5	Tin	0.53	0.46	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	50	0.64	0.18	mg/Kg		B	10	6020
7439-97-6	Mercury	0.010	0.014	0.0043	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB02(0-1) Lab Sample ID: 580-24938-28

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 11:30

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 85.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.8	0.47	0.35	mg/Kg			10	6020
7440-36-0	Antimony	0.076	0.19	0.0075	mg/Kg	J		10	6020
7440-39-3	Barium	150	0.19	0.011	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.39	0.19	0.021	mg/Kg			10	6020
7440-43-9	Cadmium	0.079	0.19	0.0075	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.19	0.068	mg/Kg			10	6020
7440-50-8	Copper	17	0.19	0.092	mg/Kg			10	6020
7439-92-1	Lead	11	0.19	0.0075	mg/Kg			10	6020
7439-98-7	Molybdenum	0.44	0.38	0.017	mg/Kg			10	6020
7440-02-0	Nickel	8.7	0.19	0.017	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.66	0.56	mg/Kg			10	6020
7440-22-4	Silver	0.13	0.19	0.0066	mg/Kg	J		10	6020
7440-31-5	Tin	0.48	0.47	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	47	0.66	0.19	mg/Kg		B	10	6020
7439-97-6	Mercury	0.010	0.017	0.0054	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB02(3-4) Lab Sample ID: 580-24938-29

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 11:40

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 82.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.1	0.39	0.28	mg/Kg			10	6020
7440-36-0	Antimony	0.053	0.15	0.0062	mg/Kg	J		10	6020
7440-39-3	Barium	130	0.15	0.0093	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.39	0.15	0.017	mg/Kg			10	6020
7440-43-9	Cadmium	0.068	0.15	0.0062	mg/Kg	J		10	6020
7440-47-3	Chromium	9.2	0.15	0.056	mg/Kg			10	6020
7440-50-8	Copper	15	0.15	0.076	mg/Kg			10	6020
7439-92-1	Lead	4.4	0.15	0.0062	mg/Kg			10	6020
7439-98-7	Molybdenum	0.31	0.31	0.014	mg/Kg			10	6020
7440-02-0	Nickel	7.8	0.15	0.014	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.54	0.46	mg/Kg			10	6020
7440-22-4	Silver	0.11	0.15	0.0054	mg/Kg	J		10	6020
7440-31-5	Tin	0.46	0.39	0.0093	mg/Kg		B	10	6020
7440-66-6	Zinc	41	0.54	0.16	mg/Kg		B	10	6020
7439-97-6	Mercury	0.0070	0.019	0.0061	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB03(0-1) Lab Sample ID: 580-24938-30

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 12:05

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 82.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.8	0.51	0.38	mg/Kg			10	6020
7440-36-0	Antimony	0.076	0.21	0.0082	mg/Kg	J		10	6020
7440-39-3	Barium	130	0.21	0.012	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.42	0.21	0.023	mg/Kg			10	6020
7440-43-9	Cadmium	0.085	0.21	0.0082	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.21	0.074	mg/Kg			10	6020
7440-50-8	Copper	21	0.21	0.10	mg/Kg			10	6020
7439-92-1	Lead	10	0.21	0.0082	mg/Kg			10	6020
7439-98-7	Molybdenum	0.45	0.41	0.019	mg/Kg			10	6020
7440-02-0	Nickel	8.5	0.21	0.019	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.72	0.62	mg/Kg			10	6020
7440-22-4	Silver	0.13	0.21	0.0072	mg/Kg	J		10	6020
7440-31-5	Tin	0.51	0.51	0.012	mg/Kg		B	10	6020
7440-66-6	Zinc	50	0.72	0.21	mg/Kg		B	10	6020
7439-97-6	Mercury	0.012	0.014	0.0044	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB03(3-4) Lab Sample ID: 580-24938-31

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 12:15

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 79.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	1.8	0.60	0.44	mg/Kg			10	6020
7440-36-0	Antimony	0.068	0.24	0.0096	mg/Kg	J		10	6020
7440-39-3	Barium	190	0.24	0.014	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.50	0.24	0.026	mg/Kg			10	6020
7440-43-9	Cadmium	0.074	0.24	0.0096	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.24	0.086	mg/Kg			10	6020
7440-50-8	Copper	18	0.24	0.12	mg/Kg			10	6020
7439-92-1	Lead	5.0	0.24	0.0096	mg/Kg			10	6020
7439-98-7	Molybdenum	0.37	0.48	0.022	mg/Kg	J		10	6020
7440-02-0	Nickel	9.2	0.24	0.022	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.84	0.72	mg/Kg			10	6020
7440-22-4	Silver	0.17	0.24	0.0084	mg/Kg	J		10	6020
7440-31-5	Tin	0.53	0.60	0.014	mg/Kg	J	B	10	6020
7440-66-6	Zinc	44	0.84	0.24	mg/Kg		B	10	6020
7439-97-6	Mercury	0.0096	0.018	0.0056	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB04(0-1) Lab Sample ID: 580-24938-32

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 12:26

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 80.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.9	0.42	0.31	mg/Kg			10	6020
7440-36-0	Antimony	0.45	0.17	0.0066	mg/Kg			10	6020
7440-39-3	Barium	160	0.17	0.010	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.48	0.17	0.018	mg/Kg			10	6020
7440-43-9	Cadmium	0.14	0.17	0.0066	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.17	0.060	mg/Kg			10	6020
7440-50-8	Copper	21	0.17	0.081	mg/Kg			10	6020
7439-92-1	Lead	25	0.17	0.0066	mg/Kg			10	6020
7439-98-7	Molybdenum	0.37	0.33	0.015	mg/Kg			10	6020
7440-02-0	Nickel	8.8	0.17	0.015	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.58	0.50	mg/Kg			10	6020
7440-22-4	Silver	0.15	0.17	0.0058	mg/Kg	J		10	6020
7440-31-5	Tin	0.74	0.42	0.010	mg/Kg		B	10	6020
7440-66-6	Zinc	82	0.58	0.17	mg/Kg		B	10	6020
7439-97-6	Mercury	0.020	0.013	0.0042	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB04(4-5) Lab Sample ID: 580-24938-33

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 12:30

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 76.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.3	0.64	0.47	mg/Kg			10	6020
7440-36-0	Antimony	0.094	0.26	0.010	mg/Kg	J		10	6020
7440-39-3	Barium	150	0.26	0.015	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.49	0.26	0.028	mg/Kg			10	6020
7440-43-9	Cadmium	0.090	0.26	0.010	mg/Kg	J		10	6020
7440-47-3	Chromium	12	0.26	0.092	mg/Kg			10	6020
7440-50-8	Copper	25	0.26	0.13	mg/Kg			10	6020
7439-92-1	Lead	7.4	0.26	0.010	mg/Kg			10	6020
7439-98-7	Molybdenum	0.40	0.51	0.023	mg/Kg	J		10	6020
7440-02-0	Nickel	10	0.26	0.023	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.89	0.77	mg/Kg			10	6020
7440-22-4	Silver	0.14	0.26	0.0089	mg/Kg	J		10	6020
7440-31-5	Tin	0.56	0.64	0.015	mg/Kg	J	B	10	6020
7440-66-6	Zinc	50	0.89	0.26	mg/Kg		B	10	6020
7439-97-6	Mercury	0.013	0.015	0.0047	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB13(0-1) Lab Sample ID: 580-24938-34

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 14:10

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 91.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	4.3	0.52	0.38	mg/Kg			10	6020
7440-36-0	Antimony	0.095	0.21	0.0083	mg/Kg	J		10	6020
7440-39-3	Barium	63	0.21	0.013	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.25	0.21	0.023	mg/Kg			10	6020
7440-43-9	Cadmium	0.084	0.21	0.0083	mg/Kg	J		10	6020
7440-47-3	Chromium	11	0.21	0.075	mg/Kg			10	6020
7440-50-8	Copper	19	0.21	0.10	mg/Kg			10	6020
7439-92-1	Lead	19	0.21	0.0083	mg/Kg			10	6020
7439-98-7	Molybdenum	0.66	0.42	0.019	mg/Kg			10	6020
7440-02-0	Nickel	11	0.21	0.019	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.73	0.63	mg/Kg			10	6020
7440-22-4	Silver	0.084	0.21	0.0073	mg/Kg	J		10	6020
7440-31-5	Tin	0.50	0.52	0.013	mg/Kg	J	B	10	6020
7440-66-6	Zinc	42	0.73	0.21	mg/Kg		B	10	6020
7439-97-6	Mercury	0.041	0.016	0.0050	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB13(7-8) Lab Sample ID: 580-24938-35

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 14:30

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 78.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	2.3	0.64	0.47	mg/Kg			10	6020
7440-36-0	Antimony	0.11	0.25	0.010	mg/Kg	J		10	6020
7440-39-3	Barium	130	0.25	0.015	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.67	0.25	0.028	mg/Kg			10	6020
7440-43-9	Cadmium	0.080	0.25	0.010	mg/Kg	J		10	6020
7440-47-3	Chromium	16	0.25	0.092	mg/Kg			10	6020
7440-50-8	Copper	25	0.25	0.12	mg/Kg			10	6020
7439-92-1	Lead	7.7	0.25	0.010	mg/Kg			10	6020
7439-98-7	Molybdenum	0.34	0.51	0.023	mg/Kg	J		10	6020
7440-02-0	Nickel	12	0.25	0.023	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.89	0.76	mg/Kg			10	6020
7440-22-4	Silver	0.16	0.25	0.0089	mg/Kg	J		10	6020
7440-31-5	Tin	0.67	0.64	0.015	mg/Kg		B	10	6020
7440-66-6	Zinc	51	0.89	0.26	mg/Kg		B	10	6020
7439-97-6	Mercury	0.013	0.021	0.0065	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB11(0-1) Lab Sample ID: 580-24938-36

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 17:30

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 97.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	8.5	0.51	0.38	mg/Kg			10	6020
7440-36-0	Antimony	0.092	0.21	0.0082	mg/Kg	J		10	6020
7440-39-3	Barium	51	0.21	0.012	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.19	0.21	0.023	mg/Kg	J		10	6020
7440-43-9	Cadmium	0.067	0.21	0.0082	mg/Kg	J		10	6020
7440-47-3	Chromium	13	0.21	0.074	mg/Kg			10	6020
7440-50-8	Copper	18	0.21	0.10	mg/Kg			10	6020
7439-92-1	Lead	35	0.21	0.0082	mg/Kg			10	6020
7439-98-7	Molybdenum	0.53	0.41	0.019	mg/Kg			10	6020
7440-02-0	Nickel	17	0.21	0.019	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.72	0.62	mg/Kg			10	6020
7440-22-4	Silver	0.076	0.21	0.0072	mg/Kg	J		10	6020
7440-31-5	Tin	0.48	0.51	0.012	mg/Kg	J	B	10	6020
7440-66-6	Zinc	36	0.72	0.21	mg/Kg		B	10	6020
7439-97-6	Mercury	0.021	0.014	0.0044	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB11(3-4) Lab Sample ID: 580-24938-37

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 17:50

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 93.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	57	0.44	0.32	mg/Kg			10	6020
7440-36-0	Antimony	0.23	0.18	0.0070	mg/Kg			10	6020
7440-39-3	Barium	73	0.18	0.011	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.29	0.18	0.019	mg/Kg			10	6020
7440-43-9	Cadmium	0.071	0.18	0.0070	mg/Kg	J		10	6020
7440-47-3	Chromium	14	0.18	0.063	mg/Kg			10	6020
7440-50-8	Copper	21	0.18	0.086	mg/Kg			10	6020
7439-92-1	Lead	260	0.18	0.0070	mg/Kg			10	6020
7439-98-7	Molybdenum	0.80	0.35	0.016	mg/Kg			10	6020
7440-02-0	Nickel	16	0.18	0.016	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.62	0.53	mg/Kg			10	6020
7440-22-4	Silver	0.20	0.18	0.0062	mg/Kg			10	6020
7440-31-5	Tin	3.9	0.44	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	58	0.62	0.18	mg/Kg		B	10	6020
7439-97-6	Mercury	0.032	0.012	0.0038	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB12(0-1) Lab Sample ID: 580-24938-38

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG ID.:

Matrix: Solid Date Sampled: 03/11/2011 17:55

Reporting Basis: DRY Date Received: 03/12/2011 09:25

% Solids: 92.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	3.0	0.48	0.35	mg/Kg			10	6020
7440-36-0	Antimony	0.074	0.19	0.0076	mg/Kg	J		10	6020
7440-39-3	Barium	45	0.19	0.011	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.20	0.19	0.021	mg/Kg			10	6020
7440-43-9	Cadmium	0.056	0.19	0.0076	mg/Kg	J		10	6020
7440-47-3	Chromium	6.6	0.19	0.069	mg/Kg			10	6020
7440-50-8	Copper	19	0.19	0.094	mg/Kg			10	6020
7439-92-1	Lead	11	0.19	0.0076	mg/Kg			10	6020
7439-98-7	Molybdenum	0.35	0.38	0.017	mg/Kg	J		10	6020
7440-02-0	Nickel	7.3	0.19	0.017	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.67	0.57	mg/Kg			10	6020
7440-22-4	Silver	0.084	0.19	0.0067	mg/Kg	J		10	6020
7440-31-5	Tin	0.44	0.48	0.011	mg/Kg	J	B	10	6020
7440-66-6	Zinc	30	0.67	0.19	mg/Kg		B	10	6020
7439-97-6	Mercury	0.043	0.013	0.0042	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-SB10(0-1)
Lab Sample ID: 580-24938-39
Lab Name: TestAmerica Seattle
Job No.: 580-24938-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/11/2011 18:17
Reporting Basis: DRY
Date Received: 03/12/2011 09:25
% Solids: 97.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	25	0.45	0.33	mg/Kg			10	6020
7440-36-0	Antimony	0.13	0.18	0.0071	mg/Kg	J		10	6020
7440-39-3	Barium	63	0.18	0.011	mg/Kg		B	10	6020
7440-41-7	Beryllium	0.21	0.18	0.020	mg/Kg			10	6020
7440-43-9	Cadmium	0.068	0.18	0.0071	mg/Kg	J		10	6020
7440-47-3	Chromium	14	0.18	0.064	mg/Kg			10	6020
7440-50-8	Copper	21	0.18	0.087	mg/Kg			10	6020
7439-92-1	Lead	130	0.18	0.0071	mg/Kg			10	6020
7439-98-7	Molybdenum	0.58	0.36	0.016	mg/Kg			10	6020
7440-02-0	Nickel	18	0.18	0.016	mg/Kg			10	6020
7782-49-2	Selenium	ND	0.62	0.53	mg/Kg			10	6020
7440-22-4	Silver	0.076	0.18	0.0062	mg/Kg	J		10	6020
7440-31-5	Tin	0.53	0.45	0.011	mg/Kg		B	10	6020
7440-66-6	Zinc	43	0.62	0.18	mg/Kg		B	10	6020
7439-97-6	Mercury	0.027	0.016	0.0050	mg/Kg			1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00008 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00005

Analyte	ICV 580-82270/7 03/14/2011 06:14				CCV 580-82270/12 03/14/2011 12:15				CCV 580-82270/24 03/14/2011 13:16			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0397		0.0400	99	0.0511		0.0500	102	0.0502		0.0500	100
Arsenic	0.0393		0.0400	98	0.0494		0.0500	99	0.0495		0.0500	99
Barium	0.0390		0.0400	97	0.0491		0.0500	98	0.0483		0.0500	97
Beryllium	0.0410		0.0400	102	0.0477		0.0500	95	0.0482		0.0500	96
Cadmium	0.0401		0.0400	100	0.0507		0.0500	101	0.0508		0.0500	102
Chromium	0.0397		0.0400	99	0.0494		0.0500	99	0.0507		0.0500	101
Copper	0.0405		0.0400	101	0.0508		0.0500	102	0.0508		0.0500	102
Lead	0.0403		0.0400	101	0.0536		0.0500	107	0.0528		0.0500	106
Molybdenum	0.0395		0.0400	99	0.0477		0.0500	95	0.0482		0.0500	96
Nickel	0.0391		0.0400	98	0.0501		0.0500	100	0.0512		0.0500	102
Selenium	0.0403		0.0400	101	0.0495		0.0500	99	0.0510		0.0500	102
Silver	0.0405		0.0400	101	0.0504		0.0500	101	0.0499		0.0500	100
Tin	0.0396		0.0400	99	0.0505		0.0500	101	0.0503		0.0500	101
Zinc	0.0394		0.0400	99	0.0491		0.0500	98	0.0503		0.0500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00008 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00005

Analyte	CCV 580-82270/36 03/14/2011 14:23				CCV 580-82270/46 03/14/2011 15:14							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0502		0.0500	100	0.0500		0.0500	100				
Arsenic	0.0508		0.0500	102	0.0507		0.0500	101				
Barium	0.0483		0.0500	97	0.0476		0.0500	95				
Beryllium	0.0466		0.0500	93	0.0472		0.0500	94				
Cadmium	0.0503		0.0500	101	0.0499		0.0500	100				
Chromium	0.0499		0.0500	100	0.0504		0.0500	101				
Copper	0.0507		0.0500	101	0.0506		0.0500	101				
Lead	0.0532		0.0500	106	0.0536		0.0500	107				
Molybdenum	0.0493		0.0500	99	0.0483		0.0500	97				
Nickel	0.0503		0.0500	101	0.0509		0.0500	102				
Selenium	0.0503		0.0500	101	0.0510		0.0500	102				
Silver	0.0500		0.0500	100	0.0502		0.0500	100				
Tin	0.0498		0.0500	100	0.0508		0.0500	102				
Zinc	0.0491		0.0500	98	0.0497		0.0500	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

ICV Source: Hg_ICV_WORK_00007 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00006

Analyte	ICV 580-82235/7 03/14/2011 07:56				CCV 580-82235/37 03/14/2011 09:49				CCV 580-82235/49 03/14/2011 10:20			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00398		0.00400	99	0.00528		0.00500	106	0.00529		0.00500	106

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

ICV Source: Hg_ICV_WORK_00007 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00006

Analyte	CCV 580-82235/61 03/14/2011 10:51				CCV 580-82235/69 03/14/2011 11:12				CCV 580-82235/81 03/14/2011 11:43			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00535		0.00500	107	0.00528		0.00500	106	0.00523		0.00500	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

ICV Source: Hg_ICV_WORK_00007 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00006

Analyte	CCV 580-82235/93 03/14/2011 12:14				CCV 580-82235/101 03/14/2011 12:35							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00519		0.00500	104	0.00521		0.00500	104				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Analysis Method: 6020 Instrument ID: SEA026

Lab Sample ID: CRI 580-82270/9 Concentration Units: mg/L

CRQL Check Standard Source: ICPMS_CAL_WOR_00005

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Arsenic	0.00200	0.00205		102	50-150
Antimony	0.00200	0.00203		102	50-150
Barium	0.00200	0.00196		98	50-150
Beryllium	0.00200	0.00200		100	50-150
Cadmium	0.00200	0.00204		102	50-150
Chromium	0.00200	0.00198		99	50-150
Copper	0.00200	0.00216		108	50-150
Lead	0.00200	0.00195		98	50-150
Molybdenum	0.00200	0.00194		97	50-150
Nickel	0.00200	0.00212		106	50-150
Selenium	0.00200	0.00212		106	50-150
Silver	0.00200	0.00206		103	50-150
Tin	0.00200	0.00209		104	50-150
Zinc	0.00200	ND		79	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-82270/8 03/14/2011 06:19		CCB 580-82270/13 03/14/2011 12:20		CCB 580-82270/25 03/14/2011 13:21		CCB 580-82270/37 03/14/2011 14:28	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND		ND		ND		ND	
Arsenic	0.00040	ND		ND		ND		ND	
Barium	0.00040	ND		ND		ND		ND	
Beryllium	0.00040	ND		ND		ND		ND	
Cadmium	0.00040	ND		ND		ND		ND	
Chromium	0.00040	ND		ND		ND		ND	
Copper	0.0010	ND		ND		ND		ND	
Lead	0.00040	ND		ND		ND		ND	
Molybdenum	0.00040	ND		ND		ND		ND	
Nickel	0.00040	ND		ND		ND		ND	
Selenium	0.00040	ND		ND		ND		ND	
Silver	0.00040	ND		ND		ND		ND	
Tin	0.0010	ND		ND		ND		ND	
Zinc	0.0010	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 580-82270/47 03/14/2011 15:19							
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND							
Arsenic	0.00040	ND							
Barium	0.00040	ND							
Beryllium	0.00040	ND							
Cadmium	0.00040	ND							
Chromium	0.00040	ND							
Copper	0.0010	ND							
Lead	0.00040	ND							
Molybdenum	0.00040	ND							
Nickel	0.00040	ND							
Selenium	0.00040	ND							
Silver	0.00040	ND							
Tin	0.0010	ND							
Zinc	0.0010	ND							

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-82235/8 03/14/2011 07:59		CCB 580-82235/38 03/14/2011 09:52		CCB 580-82235/50 03/14/2011 10:23		CCB 580-82235/62 03/14/2011 10:54	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 580-82235/70 03/14/2011 11:15		CCB 580-82235/82 03/14/2011 11:46		CCB 580-82235/94 03/14/2011 12:17		CCB 580-82235/102 03/14/2011 12:38	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 580-82169/23-A

Instrument Code: SEA026 Batch No.: 82234

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	ND			6020
7440-36-0	Antimony	0.0125	J		6020
7440-39-3	Barium	ND			6020
7440-41-7	Beryllium	ND			6020
7440-43-9	Cadmium	ND			6020
7440-47-3	Chromium	ND			6020
7440-50-8	Copper	ND			6020
7439-92-1	Lead	ND			6020
7439-98-7	Molybdenum	ND			6020
7440-02-0	Nickel	ND			6020
7782-49-2	Selenium	ND			6020
7440-22-4	Silver	ND			6020
7440-31-5	Tin	0.0185	J		6020
7440-66-6	Zinc	ND			6020

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 580-82170/23-A

Instrument Code: SEA026 Batch No.: 82270

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	ND			6020
7440-36-0	Antimony	ND			6020
7440-39-3	Barium	0.0130	J		6020
7440-41-7	Beryllium	ND			6020
7440-43-9	Cadmium	ND			6020
7440-47-3	Chromium	ND			6020
7440-50-8	Copper	ND			6020
7439-92-1	Lead	ND			6020
7439-98-7	Molybdenum	ND			6020
7440-02-0	Nickel	ND			6020
7782-49-2	Selenium	ND			6020
7440-22-4	Silver	ND			6020
7440-31-5	Tin	0.0220	J		6020
7440-66-6	Zinc	0.339	J		6020

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 580-82171/23-A

Instrument Code: TAC103 Batch No.: 82235

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	ND			7471A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 580-82172/23-A

Instrument Code: TAC103 Batch No.: 82235

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	ND			7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICSA 580-82270/10 Instrument ID: SEA026

Lab File ID: 82170-ICPMS.rep ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**0.0001**	
Arsenic		**0.0000**	
Barium		**0.0002**	
Beryllium		**0.0000**	
Cadmium		**0.0006**	
Chromium		**0.0011**	
Copper		**0.0009**	
Lead		**0.0000**	
Molybdenum	**0.400**	**0.388**	**97**
Nickel		**0.0011**	
Selenium		**-0.0003**	
Silver		**0.0000**	
Tin		**0.0001**	
Zinc		**-0.0001**	
Aluminum	*20.0*	*19.0*	*95*
Calcium	*60.0*	*56.2*	*94*
Cobalt		*0.0001*	
Iron	*50.0*	*48.6*	*97*
Magnesium	*20.0*	*19.9*	*99*
Manganese		*0.0002*	
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.2*	*96*
Potassium	*20.0*	*20.0*	*100*
Sodium	*50.0*	*50.8*	*102*
Strontium		*0.0027*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.339*	*85*
Uranium		*0.0000*	
Vanadium		*0.0005*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICSAB 580-82270/11 Instrument ID: SEA026

Lab File ID: 82170-ICPMS.rep ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0201**	**101**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0194**	**97**
Chromium	**0.0400**	**0.0406**	**101**
Copper	**0.0400**	**0.0393**	**98**
Lead		**0.0001**	
Molybdenum	**0.400**	**0.388**	**97**
Nickel	**0.0400**	**0.0389**	**97**
Selenium	**0.0200**	**0.0196**	**98**
Silver	**0.0100**	**0.0093**	**93**
Tin		**0.0001**	
Zinc	**0.0200**	**0.0192**	**96**
Aluminum	*20.0*	*19.0*	*95*
Calcium	*60.0*	*55.6*	*93*
Cobalt	*0.0400*	*0.0408*	*102*
Iron	*50.0*	*47.9*	*96*
Magnesium	*20.0*	*19.8*	*99*
Manganese	*0.0400*	*0.0391*	*98*
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.1*	*96*
Potassium	*20.0*	*19.6*	*98*
Sodium	*50.0*	*50.6*	*101*
Strontium		*0.0026*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.340*	*85*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0408*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Lab Sample ID: ICSAB 580-82270/11 Instrument ID: SEA026

Lab File ID: 82170-ICPMS.rep ICS Source: ICPMS-ICSB_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0201**	**101**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0194**	**97**
Chromium	**0.0400**	**0.0406**	**101**
Copper	**0.0400**	**0.0393**	**98**
Lead		**0.0001**	
Molybdenum	**0.400**	**0.388**	**97**
Nickel	**0.0400**	**0.0389**	**97**
Selenium	**0.0200**	**0.0196**	**98**
Silver	**0.0100**	**0.0093**	**93**
Tin		**0.0001**	
Zinc	**0.0200**	**0.0192**	**96**
Aluminum	*20.0*	*19.0*	*95*
Calcium	*60.0*	*55.6*	*93*
Cobalt	*0.0400*	*0.0408*	*102*
Iron	*50.0*	*47.9*	*96*
Magnesium	*20.0*	*19.8*	*99*
Manganese	*0.0400*	*0.0391*	*98*
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.1*	*96*
Potassium	*20.0*	*19.6*	*98*
Sodium	*50.0*	*50.6*	*101*
Strontium		*0.0026*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.340*	*85*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0408*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: YK-SB08(0-1) MS
Lab ID: 580-24938-1 MS
Lab Name: TestAmerica Seattle
Job No.: 580-24938-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.3

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	191		5.2		191	98	80-120		6020
Antimony	132		0.074	J	143	92	80-120		6020
Barium	302		150		191	79	80-120	F	6020
Beryllium	4.52		0.39		4.76	87	80-120		6020
Cadmium	4.70		0.11	J	4.76	96	80-120		6020
Chromium	27.7		10		19.1	90	80-120		6020
Copper	42.4		20		23.8	96	80-120		6020
Lead	61.3		13		47.6	100	80-120		6020
Molybdenum	212		0.37	J	238	89	80-120		6020
Nickel	53.9		9.4		47.6	94	80-120		6020
Selenium	189		ND		191	99	80-120		6020
Silver	27.0		0.12	J	28.6	94	80-120		6020
Tin	217		0.49		238	91	80-120		6020
Zinc	86.3		43		47.6	90	80-120		6020
Mercury	0.196		0.014	J	0.188	97	80-120		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: YK-SB17(3-4) MS
Lab ID: 580-24938-21 MS
Lab Name: TestAmerica Seattle
Job No.: 580-24938-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 68.6

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	270		2.2		271	99	80-120		6020
Antimony	188		0.068	J	203	93	80-120		6020
Barium	342		110		271	86	80-120		6020
Beryllium	6.53		0.45		6.78	90	80-120		6020
Cadmium	6.43		0.053	J	6.78	94	80-120		6020
Chromium	38.3		12		27.1	98	80-120		6020
Copper	55.7		21		33.9	102	80-120		6020
Lead	76.4		4.7		67.8	106	80-120		6020
Molybdenum	297		0.35	J	339	88	80-120		6020
Nickel	74.9		9.2		67.8	97	80-120		6020
Selenium	272		ND		271	100	80-120		6020
Silver	37.6		0.15	J	40.7	92	80-120		6020
Tin	306		0.59	J	339	90	80-120		6020
Zinc	107		41		67.8	98	80-120		6020
Mercury	0.212		0.013	J	0.204	98	80-120		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: YK-SB08(0-1) MSD
Lab ID: 580-24938-1 MSD
Lab Name: TestAmerica Seattle
Job No.: 580-24938-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.3

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	211		211	98	80-120	10	20		6020
Antimony	145		158	91	80-120	9	20		6020
Barium	335		211	87	80-120	10	20		6020
Beryllium	5.17		5.27	91	80-120	13	20		6020
Cadmium	5.07		5.27	94	80-120	8	20		6020
Chromium	30.5		21.1	95	80-120	10	20		6020
Copper	46.2		26.3	101	80-120	9	20		6020
Lead	67.0		52.7	102	80-120	9	20		6020
Molybdenum	238		263	90	80-120	12	20		6020
Nickel	60.4		52.7	97	80-120	11	20		6020
Selenium	210		211	100	80-120	11	20		6020
Silver	29.6		31.6	93	80-120	9	20		6020
Tin	241		263	91	80-120	10	20		6020
Zinc	91.2		52.7	91	80-120	5	20		6020
Mercury	0.189		0.181	96	80-120	4	20		7471A

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: YK-SB17(3-4) MSD
Lab ID: 580-24938-21 MSD
Lab Name: TestAmerica Seattle
Job No.: 580-24938-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 68.6

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	270		268	100	80-120	0	20		6020
Antimony	185		201	92	80-120	2	20		6020
Barium	340		268	86	80-120	1	20		6020
Beryllium	6.74		6.71	94	80-120	3	20		6020
Cadmium	6.05		6.71	89	80-120	6	20		6020
Chromium	38.0		26.8	98	80-120	1	20		6020
Copper	56.0		33.5	104	80-120	1	20		6020
Lead	75.9		67.1	106	80-120	1	20		6020
Molybdenum	297		335	88	80-120	0	20		6020
Nickel	74.9		67.1	98	80-120	0	20		6020
Selenium	270		268	100	80-120	1	20		6020
Silver	37.2		40.2	92	80-120	1	20		6020
Tin	306		335	91	80-120	0	20		6020
Zinc	105		67.1	96	80-120	2	20		6020
Mercury	0.239		0.231	98	80-120	12	20		7471A

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: YK-SB08(0-1) PDS Lab ID: 580-24938-1 PDS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	195		5.2		195	97	75-125		6020
Antimony	133		0.074	J	146	91	75-125		6020
Barium	311		150		195	82	75-125		6020
Beryllium	4.97		0.39		4.87	94	75-125		6020
Cadmium	4.51		0.11	J	4.87	90	75-125		6020
Chromium	27.9		10		19.5	89	75-125		6020
Copper	42.0		20		24.3	92	75-125		6020
Lead	62.3		13		48.7	100	75-125		6020
Molybdenum	218		0.37	J	243	89	75-125		6020
Nickel	55.9		9.4		48.7	96	75-125		6020
Selenium	192		ND		195	99	75-125		6020
Silver	27.4		0.12	J	29.2	93	75-125		6020
Tin	222		0.49		243	91	75-125		6020
Zinc	86.2		43		48.7	88	75-125		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: YK-SB17(3-4) PDS Lab ID: 580-24938-21 PDS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	243		2.2		246	98	75-125		6020
Antimony	171		0.068	J	185	92	75-125		6020
Barium	316		110		246	83	75-125		6020
Beryllium	5.98		0.45		6.16	90	75-125		6020
Cadmium	6.02		0.053	J	6.16	97	75-125		6020
Chromium	34.3		12		24.6	92	75-125		6020
Copper	50.8		21		30.8	96	75-125		6020
Lead	69.1		4.7		61.6	104	75-125		6020
Molybdenum	273		0.35	J	308	89	75-125		6020
Nickel	67.6		9.2		61.6	95	75-125		6020
Selenium	242		ND		246	98	75-125		6020
Silver	33.7		0.15	J	37.0	91	75-125		6020
Tin	281		0.59	J	308	91	75-125		6020
Zinc	93.8		41		61.6	86	75-125		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: YK-SB08(0-1) DU | Lab ID: 580-24938-1 DU

Lab Name: TestAmerica Seattle | Job No.: 580-24938-1

SDG No.:

% Solids for Sample: 79.3 | % Solids for Duplicate: 79.3

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Arsenic	0.54	5.2		5.74		10		6020
Antimony	0.22	0.074	J	0.0715	J	3		6020
Barium	0.22	150		171		12		6020
Beryllium	0.22	0.39		0.444		13		6020
Cadmium	0.22	0.11	J	0.146	J	24		6020
Chromium	0.22	10		12.0		13		6020
Copper	0.22	20		22.3		13		6020
Lead	0.22	13		15.2		12		6020
Molybdenum	0.43	0.37	J	0.394	J	6		6020
Nickel	0.22	9.4		10.5		12		6020
Selenium	0.76	ND		ND		NC		6020
Silver	0.22	0.12	J	0.140	J	12		6020
Tin	0.54	0.49		0.522	J	7		6020
Zinc	0.76	43		48.5		11		6020
Mercury	0.020	0.014	J	0.0152	J	9		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: YK-SB17(3-4) DU
Lab ID: 580-24938-21 DU
Lab Name: TestAmerica Seattle
Job No.: 580-24938-1
SDG No.:
% Solids for Sample: 68.6
% Solids for Duplicate: 68.6
Matrix: Solid
Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Arsenic	0.63	2.2		2.27		2		6020
Antimony	0.25	0.068	J	0.0665	J	2		6020
Barium	0.25	110		114		3		6020
Beryllium	0.25	0.45		0.513		13		6020
Cadmium	0.25	0.053	J	0.0583	J	10		6020
Chromium	0.25	12		11.9		2		6020
Copper	0.25	21		21.6		2		6020
Lead	0.25	4.7		5.00		5		6020
Molybdenum	0.50	0.35	J	0.358	J	3		6020
Nickel	0.25	9.2		9.37		2		6020
Selenium	0.88	ND		ND		NC		6020
Silver	0.25	0.15	J	0.166	J	11		6020
Tin	0.63	0.59	J	0.590	J	0.2		6020
Zinc	0.88	41		42.2		4		6020
Mercury	0.020	0.013	J	0.0137	J	7		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82169/24-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: m-GPS-1_00020

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	200	201		100	80	120		6020
Antimony	150	134		89	80	120		6020
Barium	200	178		89	80	120		6020
Beryllium	5.00	4.42		88	80	120		6020
Cadmium	5.00	4.90		98	80	120		6020
Chromium	20.0	19.6		98	80	120		6020
Copper	25.0	26.5		106	80	120		6020
Lead	50.0	52.4		105	80	120		6020
Molybdenum	250	222		89	80	120		6020
Nickel	50.0	49.4		99	80	120		6020
Selenium	200	202		101	80	120		6020
Silver	30.0	28.0		93	80	120		6020
Tin	250	229		91	80	120		6020
Zinc	50.0	47.6		95	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82169/25-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: m-GPS-1_00020

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	201		200	100	80-120	0	20		6020
Antimony	136		150	91	80-120	2	20		6020
Barium	182		200	91	80-120	2	20		6020
Beryllium	4.55		5.00	91	80-120	3	20		6020
Cadmium	4.54		5.00	91	80-120	8	20		6020
Chromium	19.5		20.0	97	80-120	1	20		6020
Copper	26.6		25.0	106	80-120	0	20		6020
Lead	53.1		50.0	106	80-120	1	20		6020
Molybdenum	225		250	90	80-120	2	20		6020
Nickel	51.0		50.0	102	80-120	3	20		6020
Selenium	202		200	101	80-120	0	20		6020
Silver	28.3		30.0	94	80-120	1	20		6020
Tin	234		250	93	80-120	2	20		6020
Zinc	48.1		50.0	96	80-120	1	20		6020

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82169/26-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: SRMsolid_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	109	114		104	71.1	128.9		6020
Antimony	121	203		168	21.0	251.6		6020
Barium	325	294		90	74.7	125.5		6020
Beryllium	92.1	78.2		85	75.3	124.7		6020
Cadmium	110	104		95	73.2	126.8		6020
Chromium	93.4	93.8		100	69.9	129.8		6020
Copper	84.7	75.0		89	73.2	126.8		6020
Lead	152	169		111	75.3	125.1		6020
Molybdenum	82.5	83.6		101	70.1	131.8		6020
Nickel	109	113		104	73.8	126.7		6020
Selenium	207	218		105	67.1	132.7		6020
Silver	51.9	48.7		94	65.6	134.4		6020
Tin	135	128		95	60.4	139.6		6020
Zinc	299	299		100	72.2	127.8		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82170/24-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: m-GPS-1_00020

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	200	198		99	80	120		6020
Antimony	150	135		90	80	120		6020
Barium	200	178		89	80	120		6020
Beryllium	5.00	4.56		91	80	120		6020
Cadmium	5.00	4.63		93	80	120		6020
Chromium	20.0	19.6		98	80	120		6020
Copper	25.0	26.1		104	80	120		6020
Lead	50.0	53.4		107	80	120		6020
Molybdenum	250	221		88	80	120		6020
Nickel	50.0	50.4		101	80	120		6020
Selenium	200	199		99	80	120		6020
Silver	30.0	28.0		93	80	120		6020
Tin	250	233		93	80	120		6020
Zinc	50.0	48.3		97	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82170/25-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: m-GPS-1_00020

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	202		200	101	80-120	2	20		6020
Antimony	134		150	89	80-120	1	20		6020
Barium	175		200	88	80-120	2	20		6020
Beryllium	4.60		5.00	92	80-120	1	20		6020
Cadmium	4.82		5.00	96	80-120	4	20		6020
Chromium	19.9		20.0	100	80-120	2	20		6020
Copper	26.3		25.0	105	80-120	1	20		6020
Lead	51.9		50.0	104	80-120	3	20		6020
Molybdenum	222		250	89	80-120	1	20		6020
Nickel	50.6		50.0	101	80-120	0	20		6020
Selenium	203		200	101	80-120	2	20		6020
Silver	27.8		30.0	93	80-120	1	20		6020
Tin	227		250	91	80-120	3	20		6020
Zinc	47.7		50.0	95	80-120	1	20		6020

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82170/26-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: SRMsolid_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	109	113		104	71.1	128.9		6020
Antimony	121	204		168	21.0	251.6		6020
Barium	325	291		89	74.7	125.5		6020
Beryllium	92.1	80.9		88	75.3	124.7		6020
Cadmium	110	106		96	73.2	126.8		6020
Chromium	93.4	94.4		101	69.9	129.8		6020
Copper	84.7	73.8		87	73.2	126.8		6020
Lead	152	173		114	75.3	125.1		6020
Molybdenum	82.5	84.2		102	70.1	131.8		6020
Nickel	109	113		103	73.8	126.7		6020
Selenium	207	215		104	67.1	132.7		6020
Silver	51.9	47.7		92	65.6	134.4		6020
Tin	135	129		96	60.4	139.6		6020
Zinc	299	300		100	72.2	127.8		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82172/24-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: Hg_CAL_WORK_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.167	0.175		105	80	120		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82172/25-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: Hg_CAL_WORK_00006

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.173		0.167	104	80-120	1	20		7471A

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82172/26-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: SRMsolid_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	16.3	17.1		105	51.1	148.9		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82171/24-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: Hg_CAL_WORK_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.167	0.179		108	80	120		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82171/25-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: Hg_CAL_WORK_00006

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.179		0.167	107	80-120	0	20		7471A

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82171/26-A

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

Sample Matrix: Solid LCS Source: SRMsolid_00006

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	16.3	17.3		106	51.1	148.9		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 580-24938-1

SDG No:

Lab Name: TestAmerica Seattle Job No: 580-24938-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Arsenic	5.2		5.28		NC		6020
Antimony	0.074	J	0.0998	J	NC		6020
Barium	150		156		3.3		6020
Beryllium	0.39		0.404	J	NC		6020
Cadmium	0.11	J	0.0949	J	NC		6020
Chromium	10		10.1		3.6		6020
Copper	20		21.0		7.4		6020
Lead	13		14.1		4.6		6020
Molybdenum	0.37	J	0.350	J	NC		6020
Nickel	9.4		9.54		2.0		6020
Selenium	ND		ND		NC		6020
Silver	0.12	J	0.131	J	NC		6020
Tin	0.49		0.458	J	NC		6020
Zinc	43		45.0		3.7		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 580-24938-21

SDG No:

Lab Name: TestAmerica Seattle Job No: 580-24938-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Arsenic	2.2		ND		NC		6020
Antimony	0.068	J	0.0801	J	NC		6020
Barium	110		113		2.8		6020
Beryllium	0.45		0.450	J	NC		6020
Cadmium	0.053	J	ND		NC		6020
Chromium	12		11.0		5.6		6020
Copper	21		21.8		3.5		6020
Lead	4.7		5.16		9.0		6020
Molybdenum	0.35	J	0.397	J	NC		6020
Nickel	9.2		9.23		0.19		6020
Selenium	ND		ND		NC		6020
Silver	0.15	J	0.136	J	NC		6020
Tin	0.59	J	0.579	J	NC		6020
Zinc	41		42.1		3.7		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24938-1

SDG Number:

Matrix: Solid Instrument ID: SEA026

Analysis Method: 6020 MDL Date: 11/02/2010 09:24

Prep Method: 3050B

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Antimony		0.2	0.008
Arsenic		0.5	0.368
Barium		0.2	0.012
Beryllium		0.2	0.022
Cadmium		0.2	0.008
Chromium		0.2	0.072
Copper		0.2	0.098
Lead		0.2	0.008
Molybdenum		0.4	0.018
Nickel		0.2	0.018
Selenium		0.7	0.6
Silver		0.2	0.007
Tin		0.5	0.012
Zinc		0.7	0.201

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24938-1

SDG Number:

Matrix: Solid Instrument ID: SEA026

Analysis Method: 6020 XMDL Date: 10/02/2008 10:31

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Antimony		0.0004	0.0004
Arsenic		0.0004	0.00024
Barium		0.0004	0.00027
Beryllium		0.0004	0.00026
Cadmium		0.0004	0.00014
Chromium		0.0004	0.00037
Copper		0.001	0.00015
Lead		0.0004	0.00017
Molybdenum		0.0004	0.00049
Nickel		0.0004	0.00022
Selenium		0.0004	0.00034
Silver		0.0004	0.00015
Tin		0.001	0.00089
Zinc		0.001	0.002

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24938-1

SDG Number:

Matrix: Solid Instrument ID: TAC103

Analysis Method: 7471A MDL Date: 10/26/2010 05:39

Prep Method: 7471A

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.02	0.0063

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24938-1

SDG Number:

Matrix: Solid Instrument ID: TAC103

Analysis Method: 7471A XMDL Date: 10/02/2008 10:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (ug/L)
Mercury		0.0002	0.000041

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Seattle Job No: 580-24938-1

SDG No.:

Instrument ID: SEA026 Date: 03/01/2010 06:52

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Arsenic		4	6020
Antimony		4	6020
Barium		4	6020
Beryllium		4	6020
Cadmium		4	6020
Chromium		4	6020
Copper		4	6020
Lead		4	6020
Molybdenum		4	6020
Nickel		4	6020
Selenium		4	6020
Silver		4	6020
Tin		4	6020
Zinc		4	6020

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Preparation Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
580-24938-1	03/12/2011 13:12	82169	1.2952		50
580-24938-1 DU	03/12/2011 13:12	82169	1.1637		50
580-24938-1 MS	03/12/2011 13:12	82169	1.3235		50
580-24938-1 MSD	03/12/2011 13:12	82169	1.1964		50
580-24938-2	03/12/2011 13:12	82169	1.1946		50
580-24938-3	03/12/2011 13:12	82169	1.3381		50
580-24938-4	03/12/2011 13:12	82169	1.1445		50
580-24938-5	03/12/2011 13:12	82169	1.1340		50
580-24938-6	03/12/2011 13:12	82169	1.1738		50
580-24938-7	03/12/2011 13:12	82169	1.3374		50
580-24938-8	03/12/2011 13:12	82169	1.5025		50
580-24938-10	03/12/2011 13:12	82169	1.3181		50
580-24938-11	03/12/2011 13:12	82169	1.1604		50
580-24938-12	03/12/2011 13:12	82169	1.2367		50
580-24938-13	03/12/2011 13:12	82169	1.1813		50
580-24938-14	03/12/2011 13:12	82169	1.3012		50
580-24938-15	03/12/2011 13:12	82169	1.0278		50
580-24938-16	03/12/2011 13:12	82169	1.0027		50
580-24938-17	03/12/2011 13:12	82169	1.2984		50
580-24938-18	03/12/2011 13:12	82169	1.3595		50
580-24938-19	03/12/2011 13:12	82169	1.4379		50
580-24938-20	03/12/2011 13:12	82169	1.6163		50
MB 580-82169/23-A	03/12/2011 13:12	82169	1.0		50
LCS 580-82169/24-A	03/12/2011 13:12	82169	1.0		50
LCSD 580-82169/25-A	03/12/2011 13:12	82169	1.0		50
LCSSRM 580-82169/26-A	03/12/2011 13:12	82169	0.4983		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Preparation Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
580-24938-21	03/12/2011 13:24	82170	1.1840		50
580-24938-21 DU	03/12/2011 13:24	82170	1.1632		50
580-24938-21 MS	03/12/2011 13:24	82170	1.0762		50
580-24938-21 MSD	03/12/2011 13:24	82170	1.0873		50
580-24938-22	03/12/2011 13:24	82170	1.4363		50
580-24938-23	03/12/2011 13:24	82170	1.4124		50
580-24938-24	03/12/2011 13:24	82170	1.0708		50
580-24938-25	03/12/2011 13:24	82170	1.0992		50
580-24938-26	03/12/2011 13:24	82170	1.2329		50
580-24938-27	03/12/2011 13:24	82170	1.3675		50
580-24938-28	03/12/2011 13:24	82170	1.2487		50
580-24938-29	03/12/2011 13:24	82170	1.5722		50
580-24938-30	03/12/2011 13:24	82170	1.1786		50
580-24938-31	03/12/2011 13:24	82170	1.0487		50
580-24938-32	03/12/2011 13:24	82170	1.4909		50
580-24938-33	03/12/2011 13:24	82170	1.0211		50
580-24938-34	03/12/2011 13:24	82170	1.0462		50
580-24938-35	03/12/2011 13:24	82170	1.0058		50
580-24938-36	03/12/2011 13:24	82170	1.0009		50
580-24938-37	03/12/2011 13:24	82170	1.2221		50
580-24938-38	03/12/2011 13:24	82170	1.1277		50
580-24938-39	03/12/2011 13:24	82170	1.1572		50
MB 580-82170/23-A	03/12/2011 13:24	82170	1.0		50
LCS 580-82170/24-A	03/12/2011 13:24	82170	1.0		50
LCSD 580-82170/25-A	03/12/2011 13:24	82170	1.0		50
LCSSRM 580-82170/26-A	03/12/2011 13:24	82170	0.4946		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Preparation Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
580-24938-21	03/12/2011 13:34	82171	0.6783		50
580-24938-21 DU	03/12/2011 13:34	82171	0.7167		50
580-24938-21 MS	03/12/2011 13:34	82171	0.7157		50
580-24938-21 MSD	03/12/2011 13:34	82171	0.6320		50
580-24938-22	03/12/2011 13:34	82171	0.9031		50
580-24938-23	03/12/2011 13:34	82171	0.6619		50
580-24938-24	03/12/2011 13:34	82171	0.8738		50
580-24938-25	03/12/2011 13:34	82171	0.6085		50
580-24938-26	03/12/2011 13:34	82171	0.7706		50
580-24938-27	03/12/2011 13:34	82171	0.9219		50
580-24938-28	03/12/2011 13:34	82171	0.6804		50
580-24938-29	03/12/2011 13:34	82171	0.6229		50
580-24938-30	03/12/2011 13:34	82171	0.8729		50
580-24938-31	03/12/2011 13:34	82171	0.7040		50
580-24938-32	03/12/2011 13:34	82171	0.9340		50
580-24938-33	03/12/2011 13:34	82171	0.8829		50
580-24938-34	03/12/2011 13:34	82171	0.6911		50
580-24938-35	03/12/2011 13:34	82171	0.6244		50
580-24938-36	03/12/2011 13:34	82171	0.7460		50
580-24938-37	03/12/2011 13:34	82171	0.8888		50
580-24938-38	03/12/2011 13:34	82171	0.8157		50
580-24938-39	03/12/2011 13:34	82171	0.6550		50
MB 580-82171/23-A	03/12/2011 13:34	82171	0.6		50
LCS 580-82171/24-A	03/12/2011 13:34	82171	0.6		50
LCSD 580-82171/25-A	03/12/2011 13:34	82171	0.6		50
LCSSRM 580-82171/26-A	03/12/2011 13:34	82171	0.0930		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Preparation Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
580-24938-1	03/12/2011 13:38	82172	0.6173		50
580-24938-1 DU	03/12/2011 13:38	82172	0.6193		50
580-24938-1 MS	03/12/2011 13:38	82172	0.6711		50
580-24938-1 MSD	03/12/2011 13:38	82172	0.6962		50
580-24938-2	03/12/2011 13:38	82172	0.8459		50
580-24938-3	03/12/2011 13:38	82172	0.7171		50
580-24938-4	03/12/2011 13:38	82172	0.7510		50
580-24938-5	03/12/2011 13:38	82172	0.6058		50
580-24938-6	03/12/2011 13:38	82172	0.6590		50
580-24938-7	03/12/2011 13:38	82172	0.7986		50
580-24938-8	03/12/2011 13:38	82172	0.9039		50
580-24938-10	03/12/2011 13:38	82172	0.6542		50
580-24938-11	03/12/2011 13:38	82172	0.8011		50
580-24938-12	03/12/2011 13:38	82172	0.6947		50
580-24938-13	03/12/2011 13:38	82172	0.6890		50
580-24938-14	03/12/2011 13:38	82172	0.7578		50
580-24938-15	03/12/2011 13:38	82172	0.8965		50
580-24938-16	03/12/2011 13:38	82172	0.6347		50
580-24938-17	03/12/2011 13:38	82172	0.8960		50
580-24938-18	03/12/2011 13:38	82172	0.9260		50
580-24938-19	03/12/2011 13:38	82172	0.6227		50
580-24938-20	03/12/2011 13:38	82172	0.7421		50
MB 580-82172/23-A	03/12/2011 13:38	82172	0.6		50
LCS 580-82172/24-A	03/12/2011 13:38	82172	0.6		50
LCSD 580-82172/25-A	03/12/2011 13:38	82172	0.6		50
LCSSRM 580-82172/26-A	03/12/2011 13:38	82172	0.0938		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 03/14/2011 05:49 End Date: 03/14/2011 12:20

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
STD0 580-82234/1 IC	1		05:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD1 580-82234/2 IC	1		05:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD2 580-82234/3 IC	1		05:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD3 580-82234/4 IC	1		06:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD4 580-82234/5 IC	1		06:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD5 580-82234/6 IC	1		06:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICV 580-82234/7			06:14																				
ICB 580-82234/8			06:19																				
CRI 580-82234/9			06:25																				
ICSA 580-82234/10			06:30																				
ICSAB 580-82234/11			06:36																				
CCV 580-82234/12			06:46																				
CCB 580-82234/13			06:51																				
ZZZZZZ			06:56																				
ZZZZZZ			07:01																				
ZZZZZZ			07:07																				
ZZZZZZ			07:12																				
ZZZZZZ			07:17																				
ZZZZZZ			07:22																				
ZZZZZZ			07:27																				
ZZZZZZ			07:32																				
ZZZZZZ			07:37																				
ZZZZZZ			07:43																				
CCV 580-82234/24			07:48																				
CCB 580-82234/25			07:53																				
ZZZZZZ			07:58																				
ZZZZZZ			08:03																				
ZZZZZZ			08:08																				
ZZZZZZ			08:13																				
ZZZZZZ			08:19																				
ZZZZZZ			08:24																				
ZZZZZZ			08:29																				
ZZZZZZ			08:34																				
ZZZZZZ			08:39																				
ZZZZZZ			08:44																				
CCV 580-82234/36			08:49																				
CCB 580-82234/37			08:55																				
ZZZZZZ			09:00																				
ZZZZZZ			09:05																				
ZZZZZZ			09:10																				
ZZZZZZ			09:15																				
CCV 580-82234/42			09:20																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 03/14/2011 05:49 End Date: 03/14/2011 12:20

Lab Sample ID	D / F	Type	Time	Analytes																		
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn					
CCB 580-82234/43			09:26																			
MB 580-82169/23-A	10	T	09:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-1 SD	50	T	09:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-1	10	T	09:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-1 DU	10	T	09:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-1 MS	50	T	09:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-1 MSD	50	T	09:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-1 PDS	50	T	10:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
LCS 580-82169/24-A	50	T	10:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
LCSD 580-82169/25-A	50	T	10:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
LCSSRM 580-82169/26-A	20	T	10:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
CCV 580-82234/54	1		10:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
CCB 580-82234/55	1		10:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-3	10	T	10:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-4	10	T	10:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-5	10	T	10:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-6	10	T	10:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-7	10	T	10:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-8	10	T	10:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-10	10	T	11:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-11	10	T	11:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-12	10	T	11:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-13	10	T	11:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
CCV 580-82234/66	1		11:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
CCB 580-82234/67	1		11:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-14	10	T	11:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-15	10	T	11:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-16	10	T	11:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-17	10	T	11:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-18	10	T	11:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-19	10	T	12:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-20	10	T	12:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
580-24938-2	10	T	12:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
CCV 580-82234/76	1		12:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
CCB 580-82234/77	1		12:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 03/14/2011 05:49 End Date: 03/14/2011 15:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
STD0 580-82270/1 IC	1		05:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD1 580-82270/2 IC	1		05:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD2 580-82270/3 IC	1		05:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD3 580-82270/4 IC	1		06:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD4 580-82270/5 IC	1		06:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD5 580-82270/6 IC	1		06:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICV 580-82270/7	1		06:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICB 580-82270/8	1		06:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CRI 580-82270/9	1		06:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSA 580-82270/10	1		06:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSAB 580-82270/11	1		06:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82270/12	1		12:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82270/13	1		12:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
MB 580-82170/23-A	10	T	12:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-21 SD	50	T	12:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-21	10	T	12:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-21 DU	10	T	12:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-21 MS	50	T	12:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-21 MSD	50	T	12:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-21 PDS	50	T	12:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCS 580-82170/24-A	50	T	13:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSD 580-82170/25-A	50	T	13:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSSRM 580-82170/26-A	20	T	13:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82270/24	1		13:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82270/25	1		13:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-23	10	T	13:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-24	10	T	13:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-25	10	T	13:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-26	10	T	13:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-27	10	T	13:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-28	10	T	13:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-29	10	T	14:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-30	10	T	14:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-31	10	T	14:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-32	10	T	14:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82270/36	1		14:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82270/37	1		14:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-33	10	T	14:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-34	10	T	14:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-35	10	T	14:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-36	10	T	14:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-37	10	T	14:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X						

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 03/14/2011 05:49 End Date: 03/14/2011 15:19

Lab Sample ID	D / F	Type	Time	Analytes																		
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
580-24938-38	10	T	14:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-39	10	T	15:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24938-22	10	T	15:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82270/46	1		15:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82270/47	1		15:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X						

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC103 Method: 7471A

Start Date: 03/14/2011 07:41 End Date: 03/14/2011 12:38

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
STD0 580-82235/1 IC			07:41	X																				
STD1 580-82235/2 IC			07:43	X																				
STD2 580-82235/3 IC			07:46	X																				
STD3 580-82235/4 IC			07:49	X																				
STD4 580-82235/5 IC			07:51	X																				
STD5 580-82235/6 IC			07:54	X																				
ICV 580-82235/7	1		07:56	X																				
ICB 580-82235/8	1		07:59	X																				
CCV 580-82235/9			08:37																					
CCB 580-82235/10			08:39																					
ZZZZZZ			08:42																					
ZZZZZZ			08:44																					
ZZZZZZ			08:47																					
ZZZZZZ			08:50																					
ZZZZZZ			08:52																					
ZZZZZZ			08:55																					
ZZZZZZ			08:57																					
ZZZZZZ			09:00																					
ZZZZZZ			09:03																					
ZZZZZZ			09:05																					
CCV 580-82235/21			09:08																					
CCB 580-82235/22			09:10																					
ZZZZZZ			09:13																					
ZZZZZZ			09:16																					
ZZZZZZ			09:18																					
ZZZZZZ			09:21																					
ZZZZZZ			09:23																					
ZZZZZZ			09:26																					
ZZZZZZ			09:28																					
ZZZZZZ			09:31																					
ZZZZZZ			09:34																					
ZZZZZZ			09:36																					
CCV 580-82235/33			09:39																					
CCB 580-82235/34			09:41																					
ZZZZZZ			09:44																					
ZZZZZZ			09:47																					
CCV 580-82235/37	1		09:49	X																				
CCB 580-82235/38	1		09:52	X																				
MB 580-82172/23-A	1	T	09:54	X																				
LCS 580-82172/24-A	1	T	09:57	X																				
LCSD 580-82172/25-A	1	T	10:00	X																				
LCSSRM 580-82172/26-A	10	T	10:02	X																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC103 Method: 7471A

Start Date: 03/14/2011 07:41 End Date: 03/14/2011 12:38

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
580-24938-1	1	T	10:05	X																			
580-24938-1 DU	1	T	10:07	X																			
580-24938-1 MS	1	T	10:10	X																			
580-24938-1 MSD	1	T	10:13	X																			
580-24938-2	1	T	10:15	X																			
580-24938-3	1	T	10:18	X																			
CCV 580-82235/49	1		10:20	X																			
CCB 580-82235/50	1		10:23	X																			
580-24938-4	1	T	10:25	X																			
580-24938-5	1	T	10:28	X																			
580-24938-6	1	T	10:31	X																			
580-24938-7	1	T	10:33	X																			
580-24938-8	1	T	10:36	X																			
580-24938-10	1	T	10:38	X																			
580-24938-11	1	T	10:41	X																			
580-24938-12	1	T	10:44	X																			
580-24938-13	1	T	10:46	X																			
580-24938-14	1	T	10:49	X																			
CCV 580-82235/61	1		10:51	X																			
CCB 580-82235/62	1		10:54	X																			
580-24938-15	1	T	10:57	X																			
580-24938-16	1	T	10:59	X																			
580-24938-17	1	T	11:02	X																			
580-24938-18	1	T	11:04	X																			
580-24938-19	1	T	11:07	X																			
580-24938-20	1	T	11:10	X																			
CCV 580-82235/69	1		11:12	X																			
CCB 580-82235/70	1		11:15	X																			
MB 580-82171/23-A	1	T	11:17	X																			
LCS 580-82171/24-A	1	T	11:20	X																			
LCSD 580-82171/25-A	1	T	11:22	X																			
LCSSRM 580-82171/26-A	10	T	11:25	X																			
580-24938-21	1	T	11:28	X																			
580-24938-21 DU	1	T	11:30	X																			
580-24938-21 MS	1	T	11:33	X																			
580-24938-21 MSD	1	T	11:35	X																			
580-24938-22	1	T	11:38	X																			
580-24938-23	1	T	11:41	X																			
CCV 580-82235/81	1		11:43	X																			
CCB 580-82235/82	1		11:46	X																			
580-24938-24	1	T	11:48	X																			
580-24938-25	1	T	11:51	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: TAC103 Method: 7471A

Start Date: 03/14/2011 07:41 End Date: 03/14/2011 12:38

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
580-24938-26	1	T	11:54	X																			
580-24938-27	1	T	11:56	X																			
580-24938-28	1	T	11:59	X																			
580-24938-29	1	T	12:01	X																			
580-24938-30	1	T	12:04	X																			
580-24938-31	1	T	12:07	X																			
580-24938-32	1	T	12:09	X																			
580-24938-33	1	T	12:12	X																			
CCV 580-82235/93	1		12:14	X																			
CCB 580-82235/94	1		12:17	X																			
580-24938-34	1	T	12:20	X																			
580-24938-35	1	T	12:22	X																			
580-24938-36	1	T	12:25	X																			
580-24938-37	1	T	12:27	X																			
580-24938-38	1	T	12:30	X																			
580-24938-39	1	T	12:33	X																			
CCV 580-82235/101	1		12:35	X																			
CCB 580-82235/102	1		12:38	X																			

Prep Types

T = Total/NA

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

ICP-MS Instrument ID: SEA026 Start Date: 03/14/2011 End Date: 03/14/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element Rh	Q	Element Lu	Q
STD0 580-82234/1 IC	05:49										
STD1 580-82234/2 IC	05:53										
STD2 580-82234/3 IC	05:57										
STD3 580-82234/4 IC	06:01										
STD4 580-82234/5 IC	06:05										
STD5 580-82234/6 IC	06:09										
MB 580-82169/23-A	09:31										
580-24938-1 SD	09:36										
580-24938-1	09:41										
580-24938-1 DU	09:46										
580-24938-1 MS	09:51										
580-24938-1 MSD	09:56										
580-24938-1 PDS	10:01										
LCS 580-82169/24-A	10:06										
LCSD 580-82169/25-A	10:12										
LCSSRM	10:17										
CCV 580-82234/54	10:22										
CCB 580-82234/55	10:27										
580-24938-3	10:32										
580-24938-4	10:38										
580-24938-5	10:43										
580-24938-6	10:48										
580-24938-7	10:53										
580-24938-8	10:58										
580-24938-10	11:03										
580-24938-11	11:08										
580-24938-12	11:13										
580-24938-13	11:18										
CCV 580-82234/66	11:23										
CCB 580-82234/67	11:29										
580-24938-14	11:34										
580-24938-15	11:39										
580-24938-16	11:44										
580-24938-17	11:49										
580-24938-18	11:54										
580-24938-19	12:00										
580-24938-20	12:05										
580-24938-2	12:10										
CCV 580-82234/76	12:15										
CCB 580-82234/77	12:20										

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

ICP-MS Instrument ID: SEA026 Start Date: 03/14/2011 End Date: 03/14/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element Rh	Q	Element Lu	Q
STD0 580-82270/1 IC	05:49										
STD1 580-82270/2 IC	05:53										
STD2 580-82270/3 IC	05:57										
STD3 580-82270/4 IC	06:01										
STD4 580-82270/5 IC	06:05										
STD5 580-82270/6 IC	06:09										
ICV 580-82270/7	06:14										
ICB 580-82270/8	06:19										
CRI 580-82270/9	06:25										
ICSA 580-82270/10	06:30										
ICSAB 580-82270/11	06:36										
CCV 580-82270/12	12:15										
CCB 580-82270/13	12:20										
MB 580-82170/23-A	12:25										
580-24938-21 SD	12:31										
580-24938-21	12:36										
580-24938-21 DU	12:41										
580-24938-21 MS	12:46										
580-24938-21 MSD	12:51										
580-24938-21 PDS	12:56										
LCS 580-82170/24-A	13:01										
LCSD 580-82170/25-A	13:06										
LCSSRM	13:11										
CCV 580-82270/24	13:16										
CCB 580-82270/25	13:21										
580-24938-23	13:32										
580-24938-24	13:37										
580-24938-25	13:42										
580-24938-26	13:47										
580-24938-27	13:52										
580-24938-28	13:58										
580-24938-29	14:03										
580-24938-30	14:08										
580-24938-31	14:13										
580-24938-32	14:18										
CCV 580-82270/36	14:23										
CCB 580-82270/37	14:28										
580-24938-33	14:33										
580-24938-34	14:38										
580-24938-35	14:43										
580-24938-36	14:48										
580-24938-37	14:54										

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

ICP-MS Instrument ID: SEA026 Start Date: 03/14/2011 End Date: 03/14/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element Rh	Q	Element Lu	Q
580-24938-38	14:59										
580-24938-39	15:04										
580-24938-22	15:09										
CCV 580-82270/46	15:14										
CCB 580-82270/47	15:19										

Metals Worksheet

Batch Number: 580-82169
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 12 2011 3:15PM
Batch End: Mar 12 2011 4:50PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	m-GPS-1_00020	m-GPS-2_00017	m-GPS-3_00017	m-GPS-4_00019
580-24938-A-1	YK-SB08(0-1)	3050B, 6020	T	1.2952 g	50 mL				
580-24938-A-1~DU	YK-SB08(0-1)	3050B, 6020	T	1.1637 g	50 mL				
580-24938-A-1~MS	YK-SB08(0-1)	3050B, 6020	T	1.3235 g	50 mL	1 mL	1 mL	1 mL	1 mL
580-24938-A-1~MSD	YK-SB08(0-1)	3050B, 6020	T	1.1964 g	50 mL	1 mL	1 mL	1 mL	1 mL
580-24938-A-2	YK-SB08(4-5)	3050B, 6020	T	1.1946 g	50 mL				
580-24938-A-3	YK-SB14(0-1)	3050B, 6020	T	1.3381 g	50 mL				
580-24938-A-4	YK-SB14(4-5)	3050B, 6020	T	1.1445 g	50 mL				
580-24938-A-5	YK-SB06(0-1)	3050B, 6020	T	1.1340 g	50 mL				
580-24938-A-6	YK-SB06(4-5)	3050B, 6020	T	1.1738 g	50 mL				
580-24938-A-7	YK-SB15(0-1)	3050B, 6020	T	1.3374 g	50 mL				
580-24938-A-8	YK-SB15(4-5)	3050B, 6020	T	1.5025 g	50 mL				
580-24938-A-10	YK-MW-6(4-5)	3050B, 6020	T	1.3181 g	50 mL				
580-24938-A-11	YK-MW-6(4-5)D	3050B, 6020	T	1.1604 g	50 mL				
580-24938-A-12	YK-SB07(0-1)	3050B, 6020	T	1.2367 g	50 mL				
580-24938-A-13	YK-MW-7(0-1)	3050B, 6020	T	1.1813 g	50 mL				
580-24938-A-14	YK-MW-7(4-5)	3050B, 6020	T	1.3012 g	50 mL				
580-24938-A-15	YK-MW-5(0-1)	3050B, 6020	T	1.0278 g	50 mL				
580-24938-A-16	YK-MW-5(2-3)	3050B, 6020	T	1.0027 g	50 mL				
580-24938-A-17	YK-SB16(0-1)	3050B, 6020	T	1.2984 g	50 mL				
580-24938-A-18	YK-SB16(3-4)	3050B, 6020	T	1.3595 g	50 mL				
580-24938-A-19	YK-SB17(0-1)	3050B, 6020	T	1.4379 g	50 mL				
580-24938-A-20	YK-SB17(0-1)D	3050B, 6020	T	1.6163 g	50 mL				
MB~580-82169/23		3050B, 6020		1.0 g	50 mL				
LCS~580-82169/24		3050B, 6020		1.0 g	50 mL	1 mL	1 mL	1 mL	1 mL
LCSD~580-82169/25		3050B, 6020		1.0 g	50 mL	1 mL	1 mL	1 mL	1 mL

Metals Worksheet

Batch Number: 580-82169
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 12 2011 3:15PM
Batch End: Mar 12 2011 4:50PM

Lab ID	Client ID	Method Chain	Basis	MS-HgSpk_00010	SRMsolid_00006
580-24938-A-1	YK-SB08(0-1)	3050B, 6020	T		
580-24938-A-1~DU	YK-SB08(0-1)	3050B, 6020	T		
580-24938-A-1~MS	YK-SB08(0-1)	3050B, 6020	T	1 mL	
580-24938-A-1~MSD	YK-SB08(0-1)	3050B, 6020	T	1 mL	
580-24938-A-2	YK-SB08(4-5)	3050B, 6020	T		
580-24938-A-3	YK-SB14(0-1)	3050B, 6020	T		
580-24938-A-4	YK-SB14(4-5)	3050B, 6020	T		
580-24938-A-5	YK-SB06(0-1)	3050B, 6020	T		
580-24938-A-6	YK-SB06(4-5)	3050B, 6020	T		
580-24938-A-7	YK-SB15(0-1)	3050B, 6020	T		
580-24938-A-8	YK-SB15(4-5)	3050B, 6020	T		
580-24938-A-10	YK-MW-6(4-5)	3050B, 6020	T		
580-24938-A-11	YK-MW-6(4-5)D	3050B, 6020	T		
580-24938-A-12	YK-SB07(0-1)	3050B, 6020	T		
580-24938-A-13	YK-MW-7(0-1)	3050B, 6020	T		
580-24938-A-14	YK-MW-7(4-5)	3050B, 6020	T		
580-24938-A-15	YK-MW-5(0-1)	3050B, 6020	T		
580-24938-A-16	YK-MW-5(2-3)	3050B, 6020	T		
580-24938-A-17	YK-SB16(0-1)	3050B, 6020	T		
580-24938-A-18	YK-SB16(3-4)	3050B, 6020	T		
580-24938-A-19	YK-SB17(0-1)	3050B, 6020	T		
580-24938-A-20	YK-SB17(0-1)D	3050B, 6020	T		
MB~580-82169/23		3050B, 6020			
LCS~580-82169/24		3050B, 6020		1 mL	
LCSD~580-82169/25		3050B, 6020		1 mL	

Metals Worksheet

Batch Number: 580-82169
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 12 2011 3:15PM
Batch End: Mar 12 2011 4:50PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	m-GPS-1_00020	m-GPS-2_00017	m-GPS-3_00017	m-GPS-4_00019
LCSSRM~580-82169/26		3050B, 6020		0.4983 g	50 mL				

Metals Worksheet

Batch Number: 580-82169
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 12 2011 3:15PM
Batch End: Mar 12 2011 4:50PM

Lab ID	Client ID	Method Chain	Basis	MS-HgSpk_00010	SRMsolid_00006
LCSSRM~580-82169 /26		3050B, 6020			0.4983 g

Digestion Tube/Cup Lot #:	660786
Balance ID:	SEA204
Hood ID or number:	06
Hot Block ID number:	38008
Lot # of hydrochloric acid:	659246
Lot # of Nitric Acid:	657999
Logbook ID for diluted Nitric:	677829
Hydrogen peroxide lot number:	609987
ID number of the thermometer:	15-041-1A-A
Temperature:	94 CORRECTED-TEMP Degrees C
Pipette ID:	20051014
Uncorrected Temperature:	95 Celsius

Metals Worksheet

Batch Number: 580-82170
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 12 2011 3:15PM
Batch End: Mar 12 2011 4:50PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	m-GPS-1_00020	m-GPS-2_00017	m-GPS-3_00017	m-GPS-4_00019
580-24938-A-21	YK-SB17(3-4)	3050B, 6020	T	1.1840 g	50 mL				
580-24938-A-21~DU	YK-SB17(3-4)	3050B, 6020	T	1.1632 g	50 mL				
580-24938-A-21~MS	YK-SB17(3-4)	3050B, 6020	T	1.0762 g	50 mL	1 mL	1 mL	1 mL	1 mL
580-24938-A-21~MSD	YK-SB17(3-4)	3050B, 6020	T	1.0873 g	50 mL	1 mL	1 mL	1 mL	1 mL
580-24938-A-22	YK-SB18(0-1)	3050B, 6020	T	1.4363 g	50 mL				
580-24938-A-23	YK-SB18(3-4)	3050B, 6020	T	1.4124 g	50 mL				
580-24938-A-24	YK-MW-6(0-1)	3050B, 6020	T	1.0708 g	50 mL				
580-24938-A-25	YK-SB07(3-4)	3050B, 6020	T	1.0992 g	50 mL				
580-24938-A-26	YK-SB01(0-1)	3050B, 6020	T	1.2329 g	50 mL				
580-24938-A-27	YK-SB01(4-5)	3050B, 6020	T	1.3675 g	50 mL				
580-24938-A-28	YK-SB02(0-1)	3050B, 6020	T	1.2487 g	50 mL				
580-24938-A-29	YK-SB02(3-4)	3050B, 6020	T	1.5722 g	50 mL				
580-24938-A-30	YK-SB03(0-1)	3050B, 6020	T	1.1786 g	50 mL				
580-24938-A-31	YK-SB03(3-4)	3050B, 6020	T	1.0487 g	50 mL				
580-24938-A-32	YK-SB04(0-1)	3050B, 6020	T	1.4909 g	50 mL				
580-24938-A-33	YK-SB04(4-5)	3050B, 6020	T	1.0211 g	50 mL				
580-24938-A-34	YK-SB13(0-1)	3050B, 6020	T	1.0462 g	50 mL				
580-24938-A-35	YK-SB13(7-8)	3050B, 6020	T	1.0058 g	50 mL				
580-24938-A-36	YK-SB11(0-1)	3050B, 6020	T	1.0009 g	50 mL				
580-24938-A-37	YK-SB11(3-4)	3050B, 6020	T	1.2221 g	50 mL				
580-24938-A-38	YK-SB12(0-1)	3050B, 6020	T	1.1277 g	50 mL				
580-24938-A-39	YK-SB10(0-1)	3050B, 6020	T	1.1572 g	50 mL				
MB~580-82170/23		3050B, 6020		1.0 g	50 mL				
LCS~580-82170/24		3050B, 6020		1.0 g	50 mL	1 mL	1 mL	1 mL	1 mL
LCSD~580-82170/25		3050B, 6020		1.0 g	50 mL	1 mL	1 mL	1 mL	1 mL

Metals Worksheet

Batch Number: 580-82170
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 12 2011 3:15PM
Batch End: Mar 12 2011 4:50PM

Lab ID	Client ID	Method Chain	Basis	MS-HgSpk_00010	SRMsolid_00006
580-24938-A-21	YK-SB17(3-4)	3050B, 6020	T		
580-24938-A-21~DU	YK-SB17(3-4)	3050B, 6020	T		
580-24938-A-21~MS	YK-SB17(3-4)	3050B, 6020	T	1 mL	
580-24938-A-21~MSD	YK-SB17(3-4)	3050B, 6020	T	1 mL	
580-24938-A-22	YK-SB18(0-1)	3050B, 6020	T		
580-24938-A-23	YK-SB18(3-4)	3050B, 6020	T		
580-24938-A-24	YK-MW-6(0-1)	3050B, 6020	T		
580-24938-A-25	YK-SB07(3-4)	3050B, 6020	T		
580-24938-A-26	YK-SB01(0-1)	3050B, 6020	T		
580-24938-A-27	YK-SB01(4-5)	3050B, 6020	T		
580-24938-A-28	YK-SB02(0-1)	3050B, 6020	T		
580-24938-A-29	YK-SB02(3-4)	3050B, 6020	T		
580-24938-A-30	YK-SB03(0-1)	3050B, 6020	T		
580-24938-A-31	YK-SB03(3-4)	3050B, 6020	T		
580-24938-A-32	YK-SB04(0-1)	3050B, 6020	T		
580-24938-A-33	YK-SB04(4-5)	3050B, 6020	T		
580-24938-A-34	YK-SB13(0-1)	3050B, 6020	T		
580-24938-A-35	YK-SB13(7-8)	3050B, 6020	T		
580-24938-A-36	YK-SB11(0-1)	3050B, 6020	T		
580-24938-A-37	YK-SB11(3-4)	3050B, 6020	T		
580-24938-A-38	YK-SB12(0-1)	3050B, 6020	T		
580-24938-A-39	YK-SB10(0-1)	3050B, 6020	T		
MB~580-82170/23		3050B, 6020			
LCS~580-82170/24		3050B, 6020		1 mL	
LCSD~580-82170/25		3050B, 6020		1 mL	

Metals Worksheet

Batch Number: 580-82170
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 12 2011 3:15PM
Batch End: Mar 12 2011 4:50PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	m-GPS-1_00020	m-GPS-2_00017	m-GPS-3_00017	m-GPS-4_00019
LCSSRM~580-82170/26		3050B, 6020		0.4946 g	50 mL				

Metals Worksheet

Batch Number: 580-82170
Method: 3050B
Analyst: Boardway, Peter A

Date Open: Mar 12 2011 3:15PM
Batch End: Mar 12 2011 4:50PM

Lab ID	Client ID	Method Chain	Basis	MS-HgSpk_00010	SRMsolid_00006
LCSSRM~580-82170 /26		3050B, 6020			0.4946 g

Digestion Tube/Cup Lot #:	660786
Balance ID:	SEA204
Hood ID or number:	06
Hot Block ID number:	38009
Lot # of hydrochloric acid:	659246
Lot # of Nitric Acid:	657999
Logbook ID for diluted Nitric:	677829
Hydrogen peroxide lot number:	609987
ID number of the thermometer:	15-041-1A-A
Temperature:	94 CORRECTED-TEMP Degrees C
Pipette ID:	20051014
Uncorrected Temperature:	95 Celsius

Metals Worksheet

Batch Number: 580-82171
Method: 7471A
Analyst: Boardway, Peter A

Date Open: Mar 14 2011 7:28AM
Batch End: Mar 14 2011 8:28AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Hg_CAL_WORK_00006	SRMsolid_00006
580-24938-A-21	YK-SB17(3-4)	7471A, 7471A	T	0.6783 g	50 mL		
580-24938-A-21~DU	YK-SB17(3-4)	7471A, 7471A	T	0.7167 g	50 mL		
580-24938-A-21~MS	YK-SB17(3-4)	7471A, 7471A	T	0.7157 g	50 mL	1 mL	
580-24938-A-21~MSD	YK-SB17(3-4)	7471A, 7471A	T	0.6320 g	50 mL	1 mL	
580-24938-A-22	YK-SB18(0-1)	7471A, 7471A	T	0.9031 g	50 mL		
580-24938-A-23	YK-SB18(3-4)	7471A, 7471A	T	0.6619 g	50 mL		
580-24938-A-24	YK-MW-6(0-1)	7471A, 7471A	T	0.8738 g	50 mL		
580-24938-A-25	YK-SB07(3-4)	7471A, 7471A	T	0.6085 g	50 mL		
580-24938-A-26	YK-SB01(0-1)	7471A, 7471A	T	0.7706 g	50 mL		
580-24938-A-27	YK-SB01(4-5)	7471A, 7471A	T	0.9219 g	50 mL		
580-24938-A-28	YK-SB02(0-1)	7471A, 7471A	T	0.6804 g	50 mL		
580-24938-A-29	YK-SB02(3-4)	7471A, 7471A	T	0.6229 g	50 mL		
580-24938-A-30	YK-SB03(0-1)	7471A, 7471A	T	0.8729 g	50 mL		
580-24938-A-31	YK-SB03(3-4)	7471A, 7471A	T	0.7040 g	50 mL		
580-24938-A-32	YK-SB04(0-1)	7471A, 7471A	T	0.9340 g	50 mL		
580-24938-A-33	YK-SB04(4-5)	7471A, 7471A	T	0.8829 g	50 mL		
580-24938-A-34	YK-SB13(0-1)	7471A, 7471A	T	0.6911 g	50 mL		
580-24938-A-35	YK-SB13(7-8)	7471A, 7471A	T	0.6244 g	50 mL		
580-24938-A-36	YK-SB11(0-1)	7471A, 7471A	T	0.7460 g	50 mL		
580-24938-A-37	YK-SB11(3-4)	7471A, 7471A	T	0.8888 g	50 mL		
580-24938-A-38	YK-SB12(0-1)	7471A, 7471A	T	0.8157 g	50 mL		
580-24938-A-39	YK-SB10(0-1)	7471A, 7471A	T	0.6550 g	50 mL		
MB~580-82171/23		7471A, 7471A		0.6 g	50 mL		
LCS~580-82171/24		7471A, 7471A		0.6 g	50 mL	1 mL	
LCSD~580-82171/25		7471A, 7471A		0.6 g	50 mL	1 mL	

Metals Worksheet

Batch Number: 580-82171
Method: 7471A
Analyst: Boardway, Peter A

Date Open: Mar 14 2011 7:28AM
Batch End: Mar 14 2011 8:28AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Hg_CAL_WORK_00006	SRMsolid_00006
LCSSRM~580-82171/26		7471A, 7471A		0.0930 g	50 mL		0.0930 g

Digestion Tube/Cup Lot #:	660786
Hot Block ID number:	38008
Hood ID or number:	06
Balance ID:	SEA204
Lot # of Nitric Acid:	657999
ID number of the thermometer:	15-041-1A-A
Lot # of hydrochloric acid:	659246
Potassium Permanganate Lot Number:	654649
Sulfuric Acid Lot Number:	609316
Potassium Persulfate Lot Number:	654652
Stannous Chloride Lot Number:	654645
Uncorrected Temperature:	95 Celsius
Oven, Bath or Block Temperature 1:	94 CORRECTED-TEMP
NaCL Lot #:	654642
Hydroxylamine Hydrochloride Lot:	654643
Pipette ID:	20051014

Metals Worksheet

Batch Number: 580-82172
Method: 7471A
Analyst: Boardway, Peter A

Date Open: Mar 14 2011 6:15AM
Batch End: Mar 14 2011 7:15AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Hg_CAL_WORK_00006	SRMsolid_00006
580-24938-A-1	YK-SB08(0-1)	7471A, 7471A	T	0.6173 g	50 mL		
580-24938-A-1~DU	YK-SB08(0-1)	7471A, 7471A	T	0.6193 g	50 mL		
580-24938-A-1~MS	YK-SB08(0-1)	7471A, 7471A	T	0.6711 g	50 mL	1 mL	
580-24938-A-1~MSD	YK-SB08(0-1)	7471A, 7471A	T	0.6962 g	50 mL	1 mL	
580-24938-A-2	YK-SB08(4-5)	7471A, 7471A	T	0.8459 g	50 mL		
580-24938-A-3	YK-SB14(0-1)	7471A, 7471A	T	0.7171 g	50 mL		
580-24938-A-4	YK-SB14(4-5)	7471A, 7471A	T	0.7510 g	50 mL		
580-24938-A-5	YK-SB06(0-1)	7471A, 7471A	T	0.6058 g	50 mL		
580-24938-A-6	YK-SB06(4-5)	7471A, 7471A	T	0.6590 g	50 mL		
580-24938-A-7	YK-SB15(0-1)	7471A, 7471A	T	0.7986 g	50 mL		
580-24938-A-8	YK-SB15(4-5)	7471A, 7471A	T	0.9039 g	50 mL		
580-24938-A-10	YK-MW-6(4-5)	7471A, 7471A	T	0.6542 g	50 mL		
580-24938-A-11	YK-MW-6(4-5)D	7471A, 7471A	T	0.8011 g	50 mL		
580-24938-A-12	YK-SB07(0-1)	7471A, 7471A	T	0.6947 g	50 mL		
580-24938-A-13	YK-MW-7(0-1)	7471A, 7471A	T	0.6890 g	50 mL		
580-24938-A-14	YK-MW-7(4-5)	7471A, 7471A	T	0.7578 g	50 mL		
580-24938-A-15	YK-MW-5(0-1)	7471A, 7471A	T	0.8965 g	50 mL		
580-24938-A-16	YK-MW-5(2-3)	7471A, 7471A	T	0.6347 g	50 mL		
580-24938-A-17	YK-SB16(0-1)	7471A, 7471A	T	0.8960 g	50 mL		
580-24938-A-18	YK-SB16(3-4)	7471A, 7471A	T	0.9260 g	50 mL		
580-24938-A-19	YK-SB17(0-1)	7471A, 7471A	T	0.6227 g	50 mL		
580-24938-A-20	YK-SB17(0-1)D	7471A, 7471A	T	0.7421 g	50 mL		
MB~580-82172/23		7471A, 7471A		0.6 g	50 mL		
LCS~580-82172/24		7471A, 7471A		0.6 g	50 mL	1 mL	
LCSD~580-82172/25		7471A, 7471A		0.6 g	50 mL	1 mL	

Metals Worksheet

Batch Number: 580-82172
Method: 7471A
Analyst: Boardway, Peter A

Date Open: Mar 14 2011 6:15AM
Batch End: Mar 14 2011 7:15AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Hg_CAL_WORK_00006	SRMsolid_00006
LCSSRM~580-82172/26		7471A, 7471A		0.0938 g	50 mL		0.0938 g

Digestion Tube/Cup Lot #:	660786
Hot Block ID number:	38009
Hood ID or number:	06
Balance ID:	SEA204
Lot # of Nitric Acid:	657999
ID number of the thermometer:	15-041-1A-A
Lot # of hydrochloric acid:	659246
Potassium Permanganate Lot Number:	654649
Sulfuric Acid Lot Number:	609316
Potassium Persulfate Lot Number:	654652
Stannous Chloride Lot Number:	654645
Uncorrected Temperature:	95 Celsius
Oven, Bath or Block Temperature 1:	94 CORRECTED-TEMP
NaCL Lot #:	654642
Hydroxylamine Hydrochloride Lot:	654643
Pipette ID:	20051014

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24938-1

SDG No.:

Project: Yakima, WA Phase II

Client Sample ID	Lab Sample ID
YK-SB08(0-1)	580-24938-1
YK-SB08(4-5)	580-24938-2
YK-SB14(0-1)	580-24938-3
YK-SB14(4-5)	580-24938-4
YK-SB06(0-1)	580-24938-5
YK-SB06(4-5)	580-24938-6
YK-SB15(0-1)	580-24938-7
YK-SB15(4-5)	580-24938-8
YK-MW-6(4-5)	580-24938-10
YK-MW-6(4-5)D	580-24938-11
YK-SB07(0-1)	580-24938-12
YK-MW-7(0-1)	580-24938-13
YK-MW-7(4-5)	580-24938-14
YK-MW-5(0-1)	580-24938-15
YK-MW-5(2-3)	580-24938-16
YK-SB16(0-1)	580-24938-17
YK-SB16(3-4)	580-24938-18
YK-SB17(0-1)	580-24938-19
YK-SB17(0-1)D	580-24938-20
YK-SB17(3-4)	580-24938-21
YK-SB18(0-1)	580-24938-22
YK-SB18(3-4)	580-24938-23
YK-MW-6(0-1)	580-24938-24
YK-SB07(3-4)	580-24938-25
YK-SB01(0-1)	580-24938-26
YK-SB01(4-5)	580-24938-27
YK-SB02(0-1)	580-24938-28
YK-SB02(3-4)	580-24938-29
YK-SB03(0-1)	580-24938-30
YK-SB03(3-4)	580-24938-31
YK-SB04(0-1)	580-24938-32
YK-SB04(4-5)	580-24938-33
YK-SB13(0-1)	580-24938-34
YK-SB13(7-8)	580-24938-35
YK-SB11(0-1)	580-24938-36
YK-SB11(3-4)	580-24938-37
YK-SB12(0-1)	580-24938-38
YK-SB10(0-1)	580-24938-39

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24938-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture RL Date: 01/01/2005 13:13

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/12/2011 12:13 End Date: 03/12/2011 12:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
580-24938-1	1	T	12:13	X	X																		
580-24938-1 DU	1	T	12:13	X	X																		
580-24938-2	1	T	12:13	X	X																		
580-24938-3	1	T	12:13	X	X																		
580-24938-4	1	T	12:13	X	X																		
580-24938-5	1	T	12:13	X	X																		
580-24938-6	1	T	12:13	X	X																		
580-24938-7	1	T	12:13	X	X																		
580-24938-8	1	T	12:13	X	X																		
580-24938-10	1	T	12:13	X	X																		
580-24938-11	1	T	12:13	X	X																		
580-24938-12	1	T	12:13	X	X																		
580-24938-13	1	T	12:13	X	X																		
580-24938-14	1	T	12:13	X	X																		
580-24938-15	1	T	12:13	X	X																		
580-24938-16	1	T	12:13	X	X																		
580-24938-17	1	T	12:13	X	X																		
580-24938-18	1	T	12:13	X	X																		
580-24938-19	1	T	12:13	X	X																		
580-24938-20	1	T	12:13	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24938-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/12/2011 12:33 End Date: 03/12/2011 12:33

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
580-24938-21	1	T	12:33	X	X																		
580-24938-21 DU	1	T	12:33	X	X																		
580-24938-22	1	T	12:33	X	X																		
580-24938-23	1	T	12:33	X	X																		
580-24938-24	1	T	12:33	X	X																		
580-24938-25	1	T	12:33	X	X																		
580-24938-26	1	T	12:33	X	X																		
580-24938-27	1	T	12:33	X	X																		
580-24938-28	1	T	12:33	X	X																		
580-24938-29	1	T	12:33	X	X																		
580-24938-30	1	T	12:33	X	X																		
580-24938-31	1	T	12:33	X	X																		
580-24938-32	1	T	12:33	X	X																		
580-24938-33	1	T	12:33	X	X																		
580-24938-34	1	T	12:33	X	X																		
580-24938-35	1	T	12:33	X	X																		
580-24938-36	1	T	12:33	X	X																		
580-24938-37	1	T	12:33	X	X																		
580-24938-38	1	T	12:33	X	X																		
580-24938-39	1	T	12:33	X	X																		

Prep Types

T = Total/NA

General Chemistry Worksheet

Batch Number: 580-82162
Method: Moisture
Analyst: Kimura, Evan

Date Open: Mar 12 2011 12:13PM
Batch End: Mar 13 2011 6:35PM

Lab ID	Client ID	Method Chain	Basis	Empty Dish Weight	Mass of wet Sample	Mass of Dry Sample
580-24938-A-1	YK-SB08(0-1)	Moisture	T	0.7837 g	6.4158 g	5.2502 g
580-24938-A-1~DU	YK-SB08(0-1)	Moisture	T	0.7794 g	6.9725 g	5.7205 g
580-24938-A-2	YK-SB08(4-5)	Moisture	T	0.7927 g	6.2028 g	4.8952 g
580-24938-A-3	YK-SB14(0-1)	Moisture	T	0.7923 g	8.9524 g	7.0069 g
580-24938-A-4	YK-SB14(4-5)	Moisture	T	0.8137 g	7.3423 g	5.2528 g
580-24938-A-5	YK-SB06(0-1)	Moisture	T	0.7867 g	6.8678 g	5.6895 g
580-24938-A-6	YK-SB06(4-5)	Moisture	T	0.7872 g	7.3402 g	5.8651 g
580-24938-A-7	YK-SB15(0-1)	Moisture	T	0.8543 g	7.8804 g	6.4491 g
580-24938-A-8	YK-SB15(4-5)	Moisture	T	0.8308 g	7.4147 g	6.0654 g
580-24938-A-10	YK-MW-6(4-5)	Moisture	T	0.7876 g	7.4044 g	5.8427 g
580-24938-A-11	YK-MW-6(4-5)D	Moisture	T	0.7816 g	8.0267 g	5.8736 g
580-24938-A-12	YK-SB07(0-1)	Moisture	T	0.7862 g	7.0779 g	5.5093 g
580-24938-A-13	YK-MW-7(0-1)	Moisture	T	0.7864 g	8.1115 g	6.6302 g
580-24938-A-14	YK-MW-7(4-5)	Moisture	T	0.7964 g	6.9039 g	5.3944 g
580-24938-A-15	YK-MW-5(0-1)	Moisture	T	0.8147 g	6.8706 g	5.7155 g
580-24938-A-16	YK-MW-5(2-3)	Moisture	T	0.7736 g	8.4190 g	6.4791 g
580-24938-A-17	YK-SB16(0-1)	Moisture	T	0.7652 g	6.7532 g	5.1678 g
580-24938-A-18	YK-SB16(3-4)	Moisture	T	0.8146 g	8.8159 g	7.0020 g
580-24938-A-19	YK-SB17(0-1)	Moisture	T	0.7627 g	6.0130 g	4.8088 g
580-24938-A-20	YK-SB17(0-1)D	Moisture	T	0.7587 g	7.3856 g	6.0253 g

Balance ID:	SEA218 No Unit
Date samples were place in the oven:	03/12/11
Time samples were place in the oven:	1400
Uncorrected In Temperature:	107.0 Celsius
Oven Temp when samples are put in oven:	108.0 Degrees C
Date samples were removed from oven:	03/13/11
Time Samples were removed from oven:	1826
Uncorrected Out Temperature:	108.0 Celsius
Oven Temp when samples removed from oven:	109.0 Degrees C
Oven ID:	TAC306
ID number of the thermometer:	3A4823

General Chemistry Worksheet

Batch Number: 580-82168
Method: Moisture
Analyst: Brechler, Debbie

Date Open: Mar 12 2011 12:33PM
Batch End: Mar 13 2011 6:42PM

Lab ID	Client ID	Method Chain	Basis	Empty Dish Weight	Mass of wet Sample	Mass of Dry Sample
580-24938-A-21	YK-SB17(3-4)	Moisture	T	0.7416 g	5.6576 g	4.1120 g
580-24938-A-21~DU	YK-SB17(3-4)	Moisture	T	0.7365 g	5.5851 g	4.0772 g
580-24938-A-22	YK-SB18(0-1)	Moisture	T	0.7403 g	5.8045 g	4.7638 g
580-24938-A-23	YK-SB18(3-4)	Moisture	T	0.7331 g	7.9425 g	6.1932 g
580-24938-A-24	YK-MW-6(0-1)	Moisture	T	0.7296 g	7.7729 g	6.1776 g
580-24938-A-25	YK-SB07(3-4)	Moisture	T	0.7303 g	7.3618 g	5.7248 g
580-24938-A-26	YK-SB01(0-1)	Moisture	T	0.7319 g	6.8791 g	5.6452 g
580-24938-A-27	YK-SB01(4-5)	Moisture	T	0.7257 g	7.5130 g	6.1432 g
580-24938-A-28	YK-SB02(0-1)	Moisture	T	0.7350 g	7.0665 g	6.1253 g
580-24938-A-29	YK-SB02(3-4)	Moisture	T	0.7355 g	8.3090 g	6.9747 g
580-24938-A-30	YK-SB03(0-1)	Moisture	T	0.7444 g	7.6407 g	6.4316 g
580-24938-A-31	YK-SB03(3-4)	Moisture	T	0.7243 g	6.6646 g	5.4478 g
580-24938-A-32	YK-SB04(0-1)	Moisture	T	0.7333 g	6.7233 g	5.5670 g
580-24938-A-33	YK-SB04(4-5)	Moisture	T	0.7259 g	7.8627 g	6.1991 g
580-24938-A-34	YK-SB13(0-1)	Moisture	T	0.7122 g	5.7851 g	5.3639 g
580-24938-A-35	YK-SB13(7-8)	Moisture	T	0.7159 g	6.9453 g	5.5761 g
580-24938-A-36	YK-SB11(0-1)	Moisture	T	0.7309 g	9.6680 g	9.4059 g
580-24938-A-37	YK-SB11(3-4)	Moisture	T	0.7189 g	7.8327 g	7.3326 g
580-24938-A-38	YK-SB12(0-1)	Moisture	T	0.7254 g	6.0223 g	5.6439 g
580-24938-B-39	YK-SB10(0-1)	Moisture	T	0.7267 g	6.7294 g	6.5490 g

Balance ID:	SEA216 No Unit
Date samples were place in the oven:	3/12/11
Time samples were place in the oven:	1330
Uncorrected In Temperature:	107.0 Celsius
Oven Temp when samples are put in oven:	108.0 Degrees C
Date samples were removed from oven:	03/13/11
Time Samples were removed from oven:	1826
Uncorrected Out Temperature:	108.0 Celsius
Oven Temp when samples removed from oven:	109.0 Degrees C
Oven ID:	TAC306
ID number of the thermometer:	3A4823

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 580-24938-1

Login Number: 24938

List Source: TestAmerica Seattle

List Number: 1

Creator: Gamble, Cathy

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

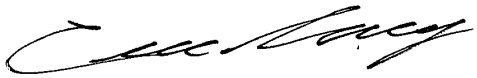
ANALYTICAL REPORT

Job Number: 580-24953-1

Job Description: Yakima, WA Phase II

For:
MWH Americas Inc
5100 SW Macadam Ave.
Ste 420
Portland, OR 97239

Attention: Mr. Joseph M Rock



Approved for release.
Curtis Armstrong
Project Manager I
3/15/2011 5:46 PM

Curtis Armstrong
Project Manager I
curtis.armstrong@testamericainc.com
03/15/2011

cc: Mr. Norman M Cira
Eric Gropp

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This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

Table of Contents

Cover Title Page 1

Data Summaries 5

- Report Narrative 5
- Manual Integration Summary 7
- Sample Summary 24
- Executive Summary 25
- Method Summary 32
- Sample Datasheets 33
- Surrogate Summary 107
- QC Data Summary 110
- Data Qualifiers 137
- QC Association Summary 138
- Lab Chronicle 143

Organic Sample Data 151

- GC/MS VOA 151
  - Method 8260B Low Level 151
    - Method 8260B Low Level QC Summary 152
    - Method 8260B Low Level Sample Data 162
    - Standards Data 188
      - Method 8260B Low Level ICAL Data 188
      - Method 8260B Low Level CCAL Data 198
    - Raw QC Data 203
      - Method 8260B Low Level Blank Data 203
      - Method 8260B Low Level LCS/LCSD Data 205
      - Method 8260B Low Level MS/MSD Data 206
    - Method 8260B Low Level Run Logs 210

Table of Contents

GC/MS Semi VOA 212

Method 8270C 212

Method 8270C QC Summary 213

Method 8270C Sample Data 233

Standards Data 269

Method 8270C ICAL Data 269

Method 8270C CCAL Data 283

Raw QC Data 292

Method 8270C Blank Data 292

Method 8270C LCS/LCSD Data 295

Method 8270C MS/MSD Data 298

Method 8270C Run Logs 304

Method 8270C Prep Data 308

GC Semi VOA 311

Method 8082 311

Method 8082 QC Summary 312

Method 8082 Sample Data 325

Standards Data 337

Method 8082 ICAL Data 337

Method 8082 CCAL Data 367

Raw QC Data 435

Method 8082 Blank Data 435

Method 8082 LCS/LCSD Data 436

Method 8082 MS/MSD Data 437

Method 8082 Run Logs 439

Method 8082 Prep Data 446

Table of Contents

Inorganic Sample Data 448

Metals Data 448

Met Cover Page 449

Met Sample Data 450

Met QC Data 474

Met ICV/CCV 474

Met CRQL 478

Met Blanks 479

Met ICSA/ICSAB 484

Met MS/MSD/PDS 487

Met Dup/Trip 492

Met LCS/LCSD 494

Met Serial Dilution 500

Met MDL 501

Met Linear Ranges 505

Met Preparation Log 506

Met Analysis Run Log 508

Met ICP/MS Int Stds 512

Met Prep Data 513

Shipping and Receiving Documents 516

Client Chain of Custody 517

Sample Receipt Checklist 519

CASE NARRATIVE

Client: MWH Americas Inc

Project: Yakima, WA Phase II

Report Number: 580-24953-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interfererences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 03/14/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.0, 2.2, 5.6 and 5.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS) LOW LEVEL

Samples Irrigation Well (580-24953-1), YK-MW-A (580-24953-2), YK-MW-B (580-24953-3), TB01 (580-24953-4), YK-MW-1 (580-24953-5), YK-MW-2 (580-24953-6), YK-MW-3 (580-24953-7), YK-MW-4 (580-24953-8), YK-MW-5 (580-24953-9), YK-MW-6 (580-24953-10), YK-MW-7 (580-24953-11), YK-MW11 (580-24953-12) and YK-Equipment Blank (580-24953-13) were analyzed for volatile organic compounds (GC-MS) low level in accordance with EPA SW-846 8260B. The samples were analyzed on 03/14/2011.

No difficulties were encountered during the volatile organic compounds (GC-MS) low level analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Irrigation Well (580-24953-1), YK-MW-A (580-24953-2), YK-MW-B (580-24953-3), YK-MW-1 (580-24953-5), YK-MW-2 (580-24953-6), YK-MW-3 (580-24953-7), YK-MW-4 (580-24953-8), YK-MW-5 (580-24953-9), YK-MW-6 (580-24953-10), YK-MW-7 (580-24953-11), YK-MW11 (580-24953-12) and YK-Equipment Blank (580-24953-13) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/14/2011 and analyzed on 03/14/2011 and 03/15/2011.

2,4,6-TBP and terphenyl-d14 surrogate recovery for the following sample(s) was outside control limits: YK-MW-7 (580-24953-11). Evidence of matrix interference is present. A thick emulsion was noted in prep. Therefore, re-extraction and/or re-analysis were not performed.

The laboratory control sample (LCS) for batch 82214 exceeded control limits for the following analyte: nitrobenzene. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Isophorone and Nitrobenzene failed the recovery criteria high for the MS of sample YK-MW-2MS (580-24953-6) in batch 580-82272.

Several analytes failed the recovery criteria high for the MSD of sample YK-MW-2MSD (580-24953-6) in batch 580-82272.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples Irrigation Well (580-24953-1), YK-MW-A (580-24953-2), YK-MW-B (580-24953-3), YK-MW-1 (580-24953-5), YK-MW-2 (580-24953-6), YK-MW-3 (580-24953-7), YK-MW-4 (580-24953-8), YK-MW-5 (580-24953-9), YK-MW-6 (580-24953-10), YK-MW-7 (580-24953-11), YK-MW11 (580-24953-12) and YK-Equipment Blank (580-24953-13) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/14/2011 and analyzed on 03/15/2011.

All samples required sulfuric acid clean up to reduce matrix interferences.

DCB Decachlorobiphenyl surrogate recovery for the following sample(s) was outside control limits: YK-MW-5 (580-24953-9), -MW-6 (580-24953-10), YK-MW-7 (580-24953-11) and YK-Equipment Blank (580-24953-13).

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples Irrigation Well (580-24953-1), YK-MW-A (580-24953-2), YK-MW-B (580-24953-3), YK-MW-1 (580-24953-5), YK-MW-2 (580-24953-6), YK-MW-3 (580-24953-7), YK-MW-4 (580-24953-8), YK-MW-5 (580-24953-9), YK-MW-6 (580-24953-10), YK-MW-7 (580-24953-11), YK-MW11 (580-24953-12) and YK-Equipment Blank (580-24953-13) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 03/14/2011 and analyzed on 03/15/2011.

Tin and Zinc were detected in method blank MB 580-82227/16-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples Irrigation Well (580-24953-1), YK-MW-A (580-24953-2), YK-MW-B (580-24953-3), YK-MW-1 (580-24953-5), YK-MW-2 (580-24953-6), YK-MW-3 (580-24953-7), YK-MW-4 (580-24953-8), YK-MW-5 (580-24953-9), YK-MW-6 (580-24953-10), YK-MW-7 (580-24953-11), YK-MW11 (580-24953-12) and YK-Equipment Blank (580-24953-13) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared on 03/14/2011 and analyzed on 03/15/2011.

Mercury was detected in method blank MB 580-82237/21-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) on the requested sample YK-MW-2 (580-24953-6), sample YK-MW-1 (580-24953-5) was prepared as an MS/MSD to provide QC for the batch.

No other difficulties were encountered during the mercury analyses.

All other quality control parameters were within the acceptance limits.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: SEA015 Analysis Batch Number: 82150

Lab Sample ID: STD001 580-82150/7 IC Client Sample ID:

Date Analyzed: 03/11/11 18:08 Lab File ID: I0322354.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	1.41	Split Peak	theisenm	03/14/11 10:25

Lab Sample ID: ICIS 580-82150/8 Client Sample ID:

Date Analyzed: 03/11/11 18:33 Lab File ID: I0322355.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	0.93	Assign Peak	theisenm	03/14/11 10:12
Trichlorofluoromethane	1.41	Split Peak	theisenm	03/14/11 10:25

Lab Sample ID: STD020 580-82150/10 IC Client Sample ID:

Date Analyzed: 03/11/11 19:24 Lab File ID: I0322357.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	1.41	Split Peak	theisenm	03/14/11 10:26

Lab Sample ID: STD040 580-82150/11 IC Client Sample ID:

Date Analyzed: 03/11/11 19:50 Lab File ID: I0322358.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	1.41	Split Peak	theisenm	03/14/11 10:26

Lab Sample ID: STD080 580-82150/12 IC Client Sample ID:

Date Analyzed: 03/11/11 20:15 Lab File ID: I0322359.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	1.41	Split Peak	theisenm	03/14/11 10:43

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: SEA015 Analysis Batch Number: 82150

Lab Sample ID: ICV 580-82150/19 Client Sample ID:

Date Analyzed: 03/14/11 13:47 Lab File ID: I0322366.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	1.41	Split Peak	theisenm	03/14/11 14:04
Acrolein	1.57	Peak Tail	theisenm	03/14/11 14:04
2-Butanone	2.31	Baseline	theisenm	03/14/11 14:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: SEA015 Analysis Batch Number: 82238

Lab Sample ID: CCVIS 580-82238/3 Client Sample ID:

Date Analyzed: 03/14/11 15:29 Lab File ID: I0322369.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	1.41	Split Peak	theisenm	03/14/11 15:45
2-Butanone	2.31	Split Peak	theisenm	03/14/11 15:45
2-Chloroethyl vinyl ether	3.17	Wrong peak	theisenm	03/14/11 15:45
2-Hexanone	3.60	Wrong peak	theisenm	03/14/11 15:45
Ethylene Dibromide	3.74	Wrong peak	theisenm	03/14/11 15:45

Lab Sample ID: 580-24953-4 Client Sample ID: TB01

Date Analyzed: 03/14/11 17:11 Lab File ID: I0322373.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toluene	3.36	Assign Peak	theisenm	03/15/11 11:01
N-Propylbenzene	4.48	Assign Peak	theisenm	03/15/11 11:01

Lab Sample ID: 580-24953-1 Client Sample ID: Irrigation Well

Date Analyzed: 03/14/11 18:02 Lab File ID: I0322375.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,4-Trichlorobenzene	6.47	Assign Peak	theisenm	03/15/11 11:05

Lab Sample ID: 580-24953-2 Client Sample ID: YK-MW-A

Date Analyzed: 03/14/11 18:27 Lab File ID: I0322376.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloroethene	3.58	Assign Peak	theisenm	03/15/11 11:09

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: SEA015 Analysis Batch Number: 82238

Lab Sample ID: 580-24953-3 Client Sample ID: YK-MW-B

Date Analyzed: 03/14/11 18:53 Lab File ID: I0322377.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	6.76	Assign Peak	theisenm	03/15/11 11:14

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 80068

Lab Sample ID: IC 580-80068/3 Client Sample ID:

Date Analyzed: 02/01/11 14:42 Lab File ID: FT003870.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Cyclohexanone	2.93	Baseline	phama	02/02/11 10:14
1,3-Dichlorobenzene	3.62	Assign Peak	phama	02/02/11 10:14
1,4-Dichlorobenzene	3.67	Assign Peak	phama	02/02/11 10:14
2,2'-oxybis[1-chloropropane]	3.86	Assign Peak	phama	02/02/11 10:14
N-Nitrosodi-n-propylamine	3.96	Assign Peak	phama	02/02/11 10:14
Nitrobenzene-d5	4.08	Wrong peak	phama	02/02/11 10:14
Naphthalene	4.66	Assign Peak	phama	02/02/11 10:14
2,3,4,6-Tetrachlorophenol	6.34	Wrong peak	phama	02/02/11 10:14
Benzidine	8.40	Assign Peak	phama	02/02/11 10:14
Pyrene	8.48	Assign Peak	phama	02/02/11 10:14
Benzofluoranthene	10.57	Other	phama	02/02/11 10:14
Benzo[a]pyrene	10.87	Wrong peak	phama	02/02/11 10:14
Benzo[g,h,i]perylene	12.40	Wrong peak	phama	02/02/11 10:14

Lab Sample ID: IC 580-80068/4 Client Sample ID:

Date Analyzed: 02/01/11 15:01 Lab File ID: FT003871.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.38	Wrong peak	phama	02/02/11 10:20
1,4-Dichlorobenzene	3.67	Wrong peak	phama	02/02/11 10:20
3 & 4 Methylphenol	3.95	Wrong peak	phama	02/02/11 10:20
2-Chloronaphthalene	5.62	Assign Peak	phama	02/02/11 10:20
2,4-Dinitrophenol	6.12	Assign Peak	phama	02/02/11 10:20
4-Nitroaniline	6.54	Assign Peak	phama	02/02/11 10:20
Hexachlorobenzene	6.97	Assign Peak	phama	02/02/11 10:20
Benzo[a]anthracene	9.47	Wrong peak	phama	02/02/11 10:20
Benzo[k]fluoranthene	10.57	Wrong peak	phama	02/02/11 10:20
Benzofluoranthene	10.57	Other	phama	02/02/11 10:20
Benzo[g,h,i]perylene	12.41	Baseline	phama	02/02/11 10:20

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 80068

Lab Sample ID: IC 580-80068/5 Client Sample ID:

Date Analyzed: 02/01/11 15:20 Lab File ID: FT003872.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2'-oxybis[1-chloropropane]	3.86	Assign Peak	phama	02/02/11 10:23
Naphthalene	4.66	Assign Peak	phama	02/02/11 10:23
2,4-Dinitrophenol	6.12	Assign Peak	phama	02/02/11 10:23
2,3,5,6-Tetrachlorophenol	6.30	Other	phama	02/02/11 10:23
2,3,4,6-Tetrachlorophenol	6.34	Other	phama	02/02/11 10:31
Benzofluoranthene	10.57	Other	phama	02/02/11 10:23

Lab Sample ID: IC 580-80068/6 Client Sample ID:

Date Analyzed: 02/01/11 15:39 Lab File ID: FT003873.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4-Dinitrophenol	6.12	Assign Peak	phama	02/02/11 10:25
Benzo[a]anthracene	9.47	Wrong peak	phama	02/02/11 10:25
Benzofluoranthene	10.54	Other	phama	02/02/11 10:25
Benzo[g,h,i]perylene	12.41	Wrong peak	phama	02/02/11 10:25

Lab Sample ID: IC 580-80068/7 Client Sample ID:

Date Analyzed: 02/01/11 15:58 Lab File ID: FT003874.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.57	Other	phama	02/02/11 10:26

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 80068

Lab Sample ID: ICIS 580-80068/8 Client Sample ID:

Date Analyzed: 02/01/11 16:17 Lab File ID: FT003875.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,3,4,6-Tetrachlorophenol	6.34	Wrong peak	phama	02/02/11 10:05
Benzofluoranthene	10.54	Other	phama	02/02/11 10:05

Lab Sample ID: IC 580-80068/9 Client Sample ID:

Date Analyzed: 02/01/11 16:36 Lab File ID: FT003876.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.57	Other	phama	02/02/11 10:07

Lab Sample ID: IC 580-80068/10 Client Sample ID:

Date Analyzed: 02/01/11 16:55 Lab File ID: FT003877.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.57	Other	phama	02/02/11 10:09

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 81637

Lab Sample ID: IC 580-81637/3 Client Sample ID:

Date Analyzed: 03/04/11 10:37 Lab File ID: FT003987.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol	6.73	Assign Peak	phama	03/04/11 12:16
Pentachlorophenol	7.18	Assign Peak	phama	03/04/11 12:16
Chrysene	9.51	Wrong peak	phama	03/04/11 12:16
Indeno[1,2,3-cd]pyrene	12.09	Wrong peak	phama	03/04/11 12:16

Lab Sample ID: IC 580-81637/4 Client Sample ID:

Date Analyzed: 03/04/11 10:57 Lab File ID: FT003988.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol	6.73	Assign Peak	phama	03/04/11 12:17
Pentachlorophenol	7.17	Assign Peak	phama	03/04/11 12:17
Benzo[a]anthracene	9.48	Wrong peak	phama	03/04/11 12:17
Dibenz(a,h)anthracene	12.11	Other	phama	03/04/11 12:17

Lab Sample ID: IC 580-81637/5 Client Sample ID:

Date Analyzed: 03/04/11 11:17 Lab File ID: FT003989.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol	6.73	Assign Peak	phama	03/04/11 12:18
Pentachlorophenol	7.15	Assign Peak	phama	03/04/11 12:18
Chrysene	9.51	Wrong peak	phama	03/04/11 12:18

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 81637

Lab Sample ID: IC 580-81637/6 Client Sample ID:

Date Analyzed: 03/04/11 11:37 Lab File ID: FT003990.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Tribromophenol	6.73	Assign Peak	phama	03/04/11 12:19
Pentachlorophenol	7.14	Assign Peak	phama	03/04/11 12:19
Chrysene	9.51	Wrong peak	phama	03/04/11 12:19

Lab Sample ID: ICIS 580-81637/7 Client Sample ID:

Date Analyzed: 03/04/11 11:57 Lab File ID: FT003991.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitrobenzene-d5	4.08	Assign Peak	phama	03/04/11 12:16
2,4,6-Tribromophenol	6.72	Assign Peak	phama	03/04/11 12:16
Pentachlorophenol	7.14	Baseline	phama	03/04/11 14:07
Chrysene	9.51	Wrong peak	phama	03/04/11 12:16
Benzo[b]fluoranthene	10.55	Wrong peak	phama	03/04/11 12:16
Indeno[1,2,3-cd]pyrene	12.08	Wrong peak	phama	03/04/11 12:16

Lab Sample ID: IC 580-81637/8 Client Sample ID:

Date Analyzed: 03/04/11 12:16 Lab File ID: FT003992.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitrobenzene-d5	4.08	Wrong peak	phama	03/04/11 12:54
2,4,6-Tribromophenol	6.72	Wrong peak	phama	03/04/11 12:54
Pentachlorophenol	7.14	Baseline	phama	03/04/11 14:07
Chrysene	9.51	Wrong peak	phama	03/04/11 12:54

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 81637

Lab Sample ID: IC 580-81637/9 Client Sample ID:

Date Analyzed: 03/04/11 12:36 Lab File ID: FT003993.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitrobenzene-d5	4.08	Assign Peak	phama	03/04/11 12:55

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 82194

Lab Sample ID: CCVIS 580-82194/2 Client Sample ID:

Date Analyzed: 03/14/11 08:56 Lab File ID: FT004074.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzofluoranthene	10.54	Wrong peak	mckeanc	03/14/11 09:16

Lab Sample ID: LCS 580-82214/2-A Client Sample ID:

Date Analyzed: 03/14/11 12:48 Lab File ID: FT004085.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2'-oxybis[1-chloropropane]	3.84	Wrong peak	mckeanc	03/14/11 13:16
2-Nitroaniline	5.68	Wrong peak	mckeanc	03/14/11 13:16
2,4-Dinitrophenol	6.10	Wrong peak	mckeanc	03/14/11 13:16
Chrysene	9.48	Wrong peak	mckeanc	03/14/11 13:16
Benzo[k]fluoranthene	10.54	Wrong peak	mckeanc	03/14/11 13:16

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Analysis Batch Number: 82272

Lab Sample ID: CCVIS 580-82272/2 Client Sample ID:

Date Analyzed: 03/15/11 08:07 Lab File ID: FT004106.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2'-oxybis[1-chloropropane]	3.84	Assign Peak	mckeanc	03/15/11 08:36
Benzofluoranthene	10.55	Wrong peak	mckeanc	03/15/11 08:36

Lab Sample ID: 580-24953-6 MS Client Sample ID: YK-MW-2 MS

Date Analyzed: 03/15/11 09:22 Lab File ID: FT004109.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	10.54	Wrong peak	mckeanc	03/15/11 15:35

Lab Sample ID: 580-24953-6 MSD Client Sample ID: YK-MW-2 MSD

Date Analyzed: 03/15/11 09:41 Lab File ID: FT004110.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2'-oxybis[1-chloropropane]	3.84	Wrong peak	mckeanc	03/15/11 15:37

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/2 Client Sample ID:

Date Analyzed: 03/03/11 09:34 Lab File ID: CC155047.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.16	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 1	3.89	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 2	4.10	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 3	4.36	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 4	4.61	Baseline Smoothing	muirm	03/03/11 13:20
PCB-1016 Peak 5	4.82	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 1	5.84	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 2	6.02	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 3	6.31	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 4	6.79	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 5	7.07	Assign Peak	muirm	03/03/11 13:20
DCB Decachlorobiphenyl	7.87	Assign Peak	muirm	03/03/11 13:20

Lab Sample ID: IC 580-81563/2 Client Sample ID:

Date Analyzed: 03/03/11 09:34 Lab File ID: CC155047.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.90	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 2	4.10	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 3	4.40	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 4	4.66	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 5	4.85	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 1	5.89	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 2	6.12	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 3	6.35	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 4	6.87	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 5	7.09	Assign Peak	muirm	03/03/11 13:20
DCB Decachlorobiphenyl	7.90	Assign Peak	muirm	03/03/11 13:20

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/9 Client Sample ID:

Date Analyzed: 03/03/11 11:13 Lab File ID: CC155054.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:31

Lab Sample ID: IC 580-81563/10 Client Sample ID:

Date Analyzed: 03/03/11 11:27 Lab File ID: CC155055.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:31

Lab Sample ID: IC 580-81563/12 Client Sample ID:

Date Analyzed: 03/03/11 11:55 Lab File ID: CC155057.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	3.40	Incomplete Integration	muirm	03/03/11 13:32
PCB-1221 Peak 2	3.48	Incomplete Integration	muirm	03/03/11 13:32
PCB-1221 Peak 3	3.56	Incomplete Integration	muirm	03/03/11 13:32

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/12 Client Sample ID:

Date Analyzed: 03/03/11 11:55 Lab File ID: CC155057.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:32

Lab Sample ID: IC 580-81563/14 Client Sample ID:

Date Analyzed: 03/03/11 12:23 Lab File ID: CC155059.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:33

Lab Sample ID: ICV 580-81563/15 Client Sample ID:

Date Analyzed: 03/03/11 12:38 Lab File ID: CC155060.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 2	5.42	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 3	5.74	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 4	6.00	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 5	6.36	Shouldering	muirm	03/03/11 13:35

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: ICV 580-81563/22 Client Sample ID:

Date Analyzed: 03/03/11 16:20 Lab File ID: CC155072.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	3.40	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 2	3.56	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 4	4.42	Peak not integrated	muirm	03/08/11 13:28

Lab Sample ID: ICV 580-81563/22 Client Sample ID:

Date Analyzed: 03/03/11 16:20 Lab File ID: CC155072.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	3.42	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 2	3.56	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 4	4.55	Incomplete Integration	muirm	03/08/11 13:28
PCB-1232 Peak 5	4.55	Incomplete Integration	muirm	03/08/11 13:28

Lab Sample ID: IC 580-81563/30 Client Sample ID:

Date Analyzed: 03/03/11 18:13 Lab File ID: CC155080.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1268 Peak 1	7.09	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 2	7.15	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 3	7.29	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 4	7.54	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 5	7.74	Baseline Smoothing	muirm	03/08/11 10:51

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 82292

Lab Sample ID: CCV 580-82292/3 Client Sample ID:

Date Analyzed: 03/15/11 10:22 Lab File ID: CC155406.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	3.40	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1221 Peak 2	3.48	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1221 Peak 3	3.56	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 1	5.18	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 2	5.33	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 3	5.71	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 4	5.92	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 5	6.30	Baseline Smoothing	muirm	03/15/11 10:39

Lab Sample ID: CCV 580-82292/3 Client Sample ID:

Date Analyzed: 03/15/11 10:22 Lab File ID: CC155406.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/15/11 10:39
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/15/11 10:39

Lab Sample ID: CCV 580-82292/15 Client Sample ID:

Date Analyzed: 03/15/11 13:18 Lab File ID: CC155418.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.88	Baseline Smoothing	muirm	03/15/11 13:50
PCB-1016 Peak 2	4.09	Baseline Smoothing	muirm	03/15/11 13:50
PCB-1016 Peak 3	4.36	Baseline Smoothing	muirm	03/15/11 13:50
PCB-1016 Peak 4	4.60	Baseline Smoothing	muirm	03/15/11 13:50
PCB-1016 Peak 5	4.82	Baseline Smoothing	muirm	03/15/11 13:50

SAMPLE SUMMARY

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-24953-1	Irrigation Well	Water	03/12/2011 1330	03/14/2011 0830
580-24953-2	YK-MW-A	Water	03/12/2011 1540	03/14/2011 0830
580-24953-3	YK-MW-B	Water	03/12/2011 1700	03/14/2011 0830
580-24953-4	TB01	Water	03/12/2011 0000	03/14/2011 0830
580-24953-5	YK-MW-1	Water	03/13/2011 0900	03/14/2011 0830
580-24953-6	YK-MW-2	Water	03/13/2011 0940	03/14/2011 0830
580-24953-6MS	YK-MW-2	Water	03/13/2011 0940	03/14/2011 0830
580-24953-6MSD	YK-MW-2	Water	03/13/2011 0940	03/14/2011 0830
580-24953-7	YK-MW-3	Water	03/13/2011 1015	03/14/2011 0830
580-24953-8	YK-MW-4	Water	03/13/2011 1124	03/14/2011 0830
580-24953-9	YK-MW-5	Water	03/13/2011 1355	03/14/2011 0830
580-24953-10	YK-MW-6	Water	03/13/2011 1450	03/14/2011 0830
580-24953-11	YK-MW-7	Water	03/13/2011 1201	03/14/2011 0830
580-24953-12	YK-MW11	Water	03/13/2011 0900	03/14/2011 0830
580-24953-13	YK-Equipment Blank	Water	03/13/2011 1500	03/14/2011 0830

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24953-1	**IRRIGATION WELL**					
Dichlorodifluoromethane		1.7		0.40	ug/L	8260B
Chloroform		0.18		0.10	ug/L	8260B
Tetrachloroethene		0.068	J	0.10	ug/L	8260B
Mercury		0.000055	J B	0.00020	mg/L	7470A
Total Recoverable						
Barium		0.030		0.0060	mg/L	6020
Chromium		0.0019	J	0.0020	mg/L	6020
Copper		0.00075	J	0.0050	mg/L	6020
Molybdenum		0.0011	J	0.0040	mg/L	6020
Nickel		0.0011	J	0.0020	mg/L	6020
Selenium		0.0017	J	0.0020	mg/L	6020
Tin		0.0014	J B	0.0070	mg/L	6020
Zinc		0.028	B	0.0070	mg/L	6020
580-24953-2	**YK-MW-A**					
Toluene		0.031	J	0.10	ug/L	8260B
Mercury		0.000064	J B	0.00020	mg/L	7470A
Total Recoverable						
Barium		0.051		0.0060	mg/L	6020
Chromium		0.0041		0.0020	mg/L	6020
Copper		0.0029	J	0.0050	mg/L	6020
Lead		0.00026	J	0.0020	mg/L	6020
Molybdenum		0.0013	J	0.0040	mg/L	6020
Nickel		0.0025		0.0020	mg/L	6020
Selenium		0.0012	J	0.0020	mg/L	6020
Tin		0.00086	J B	0.0070	mg/L	6020
Zinc		0.0063	J B	0.0070	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24953-3	**YK-MW-B**					
Methyl tert-butyl ether		0.025	J	0.10	ug/L	8260B
Chloroform		0.059	J	0.10	ug/L	8260B
Tetrachloroethene		0.070	J	0.10	ug/L	8260B
Di-n-butyl phthalate		0.67	J	1.9	ug/L	8270C
Mercury		0.000087	J B	0.00020	mg/L	7470A
Total Recoverable						
Arsenic		0.00037	J	0.0020	mg/L	6020
Barium		0.16		0.0060	mg/L	6020
Beryllium		0.00076	J	0.0020	mg/L	6020
Cadmium		0.00020	J	0.0020	mg/L	6020
Chromium		0.060		0.0020	mg/L	6020
Copper		0.018		0.0050	mg/L	6020
Lead		0.011		0.0020	mg/L	6020
Molybdenum		0.0078		0.0040	mg/L	6020
Nickel		0.038		0.0020	mg/L	6020
Selenium		0.00034	J	0.0020	mg/L	6020
Silver		0.00036	J	0.0020	mg/L	6020
Tin		0.0025	J B	0.0070	mg/L	6020
Zinc		0.050	B	0.0070	mg/L	6020
580-24953-5	**YK-MW-1**					
Toluene		0.039	J	0.10	ug/L	8260B
Mercury		0.000067	J B	0.00020	mg/L	7470A
Total Recoverable						
Arsenic		0.0012	J	0.0020	mg/L	6020
Barium		0.13		0.0060	mg/L	6020
Chromium		0.024		0.0020	mg/L	6020
Copper		0.014		0.0050	mg/L	6020
Lead		0.0027		0.0020	mg/L	6020
Molybdenum		0.0035	J	0.0040	mg/L	6020
Nickel		0.017		0.0020	mg/L	6020
Selenium		0.0011	J	0.0020	mg/L	6020
Tin		0.0010	J B	0.0070	mg/L	6020
Zinc		0.024	B	0.0070	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24953-6	**YK-MW-2**					
Chloroform		0.061	J	0.10	ug/L	8260B
Toluene		0.50		0.10	ug/L	8260B
Tetrachloroethene		0.039	J	0.10	ug/L	8260B
Di-n-butyl phthalate		0.92	J	1.9	ug/L	8270C
Mercury		0.000073	J B	0.00020	mg/L	7470A
Total Recoverable						
Arsenic		0.0015	J	0.0020	mg/L	6020
Barium		0.081		0.0060	mg/L	6020
Chromium		0.016		0.0020	mg/L	6020
Copper		0.0098		0.0050	mg/L	6020
Lead		0.0025		0.0020	mg/L	6020
Molybdenum		0.0029	J	0.0040	mg/L	6020
Nickel		0.0088		0.0020	mg/L	6020
Selenium		0.00070	J	0.0020	mg/L	6020
Tin		0.00044	J B	0.0070	mg/L	6020
Zinc		0.019	B	0.0070	mg/L	6020
580-24953-7	**YK-MW-3**					
Chloroform		0.15		0.10	ug/L	8260B
Trichloroethene		0.027	J	0.10	ug/L	8260B
Dichlorobromomethane		0.035	J	0.10	ug/L	8260B
Toluene		0.047	J	0.10	ug/L	8260B
Tetrachloroethene		0.077	J	0.10	ug/L	8260B
Di-n-butyl phthalate		0.71	J	1.9	ug/L	8270C
Mercury		0.000063	J B	0.00020	mg/L	7470A
Total Recoverable						
Barium		0.053		0.0060	mg/L	6020
Chromium		0.0094		0.0020	mg/L	6020
Copper		0.0051		0.0050	mg/L	6020
Lead		0.00092	J	0.0020	mg/L	6020
Molybdenum		0.0018	J	0.0040	mg/L	6020
Nickel		0.0057		0.0020	mg/L	6020
Selenium		0.00064	J	0.0020	mg/L	6020
Tin		0.00048	J B	0.0070	mg/L	6020
Zinc		0.0078	B	0.0070	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24953-8	**YK-MW-4**					
Chloroform		0.094	J	0.10	ug/L	8260B
Tetrachloroethene		0.069	J	0.10	ug/L	8260B
Di-n-butyl phthalate		0.72	J	1.9	ug/L	8270C
Mercury		0.000068	J B	0.00020	mg/L	7470A
Total Recoverable						
Barium		0.10		0.0060	mg/L	6020
Beryllium		0.00030	J	0.0020	mg/L	6020
Chromium		0.018		0.0020	mg/L	6020
Copper		0.010		0.0050	mg/L	6020
Lead		0.0018	J	0.0020	mg/L	6020
Molybdenum		0.0021	J	0.0040	mg/L	6020
Nickel		0.0099		0.0020	mg/L	6020
Selenium		0.00047	J	0.0020	mg/L	6020
Tin		0.00074	J B	0.0070	mg/L	6020
Zinc		0.020	B	0.0070	mg/L	6020
580-24953-9	**YK-MW-5**					
Chloroform		0.14		0.10	ug/L	8260B
Toluene		0.080	J	0.10	ug/L	8260B
Tetrachloroethene		0.11		0.10	ug/L	8260B
Mercury		0.0019	B	0.00020	mg/L	7470A
Total Recoverable						
Arsenic		0.073		0.0020	mg/L	6020
Barium		17		0.0060	mg/L	6020
Beryllium		0.048		0.0020	mg/L	6020
Cadmium		0.0042		0.0020	mg/L	6020
Chromium		1.6		0.0020	mg/L	6020
Copper		1.9		0.0050	mg/L	6020
Lead		0.47		0.0020	mg/L	6020
Molybdenum		0.028		0.0040	mg/L	6020
Nickel		1.1		0.0020	mg/L	6020
Selenium		0.0081		0.0020	mg/L	6020
Silver		0.0036		0.0020	mg/L	6020
Tin		0.055	B	0.0070	mg/L	6020
Zinc		4.2	B	0.0070	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24953-10	**YK-MW-6**					
Chloroform		0.067	J	0.10	ug/L	8260B
Toluene		0.025	J	0.10	ug/L	8260B
Tetrachloroethene		0.035	J	0.10	ug/L	8260B
Di-n-butyl phthalate		0.69	J	1.9	ug/L	8270C
Mercury		0.00015	J B	0.00020	mg/L	7470A
Total Recoverable						
Antimony		0.00041	J	0.0020	mg/L	6020
Arsenic		0.0045		0.0020	mg/L	6020
Barium		0.49		0.0060	mg/L	6020
Beryllium		0.0018	J	0.0020	mg/L	6020
Chromium		0.076		0.0020	mg/L	6020
Copper		0.082		0.0050	mg/L	6020
Lead		0.017		0.0020	mg/L	6020
Molybdenum		0.0035	J	0.0040	mg/L	6020
Nickel		0.053		0.0020	mg/L	6020
Silver		0.00034	J	0.0020	mg/L	6020
Tin		0.0031	J B	0.0070	mg/L	6020
Zinc		0.17	B	0.0070	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24953-11	**YK-MW-7**					
Chloroform		6.7		0.10	ug/L	8260B
Benzene		0.11		0.10	ug/L	8260B
Dichlorobromomethane		0.50		0.10	ug/L	8260B
Toluene		1.2		0.10	ug/L	8260B
Tetrachloroethene		0.036	J	0.10	ug/L	8260B
Chlorodibromomethane		0.049	J	0.10	ug/L	8260B
Ethylbenzene		0.031	J	0.10	ug/L	8260B
m-Xylene & p-Xylene		0.059	J	0.20	ug/L	8260B
Benzoic acid		3.6	J	9.4	ug/L	8270C
Diethyl phthalate		0.50	J	1.9	ug/L	8270C
Di-n-butyl phthalate		0.69	J	1.9	ug/L	8270C
PCB-1260		0.27	J	0.47	ug/L	8082
Mercury		0.0013	B	0.00020	mg/L	7470A
Total Recoverable						
Antimony		0.00050	J	0.0020	mg/L	6020
Arsenic		0.084		0.0020	mg/L	6020
Barium		7.8		0.0060	mg/L	6020
Beryllium		0.034		0.0020	mg/L	6020
Chromium		1.3		0.0020	mg/L	6020
Copper		1.5		0.0050	mg/L	6020
Lead		0.41		0.0020	mg/L	6020
Molybdenum		0.028		0.0040	mg/L	6020
Nickel		0.80		0.0020	mg/L	6020
Selenium		0.0099		0.0020	mg/L	6020
Silver		0.0036		0.0020	mg/L	6020
Tin		0.045	B	0.0070	mg/L	6020
Zinc		3.1	B	0.0070	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
580-24953-12	**YK-MW11**					
Toluene		0.047	J	0.10	ug/L	8260B
Tetrachloroethene		0.028	J	0.10	ug/L	8260B
Mercury		0.000074	J B	0.00020	mg/L	7470A
Total Recoverable						
Arsenic		0.00069	J	0.0020	mg/L	6020
Barium		0.12		0.0060	mg/L	6020
Beryllium		0.00027	J	0.0020	mg/L	6020
Chromium		0.021		0.0020	mg/L	6020
Copper		0.013		0.0050	mg/L	6020
Lead		0.0023		0.0020	mg/L	6020
Molybdenum		0.0030	J	0.0040	mg/L	6020
Nickel		0.016		0.0020	mg/L	6020
Selenium		0.0011	J	0.0020	mg/L	6020
Tin		0.00065	J B	0.0070	mg/L	6020
Zinc		0.023	B	0.0070	mg/L	6020
580-24953-13	**YK-EQUIPMENT BLANK**					
Methylene Chloride		11		0.10	ug/L	8260B
Toluene		0.12		0.10	ug/L	8260B
Mercury		0.000065	J B	0.00020	mg/L	7470A
Total Recoverable						
Barium		0.0089		0.0060	mg/L	6020
Chromium		0.0032		0.0020	mg/L	6020
Copper		0.0025	J	0.0050	mg/L	6020
Lead		0.00054	J	0.0020	mg/L	6020
Nickel		0.0011	J	0.0020	mg/L	6020
Tin		0.00031	J B	0.0070	mg/L	6020
Zinc		0.024	B	0.0070	mg/L	6020

METHOD SUMMARY

Client: MWH Americas Inc

Job Number: 580-24953-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SEA	SW846 8260B	
Purge and Trap	TAL SEA		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL SEA	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SEA		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SEA	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SEA		SW846 3510C
Metals (ICP/MS)	TAL SEA	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SEA		SW846 3005A
Mercury (CVAA)	TAL SEA	SW846 7470A	
Preparation, Mercury	TAL SEA		SW846 7470A

Lab References:

TAL SEA = TestAmerica Seattle

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **Irrigation Well**

Lab Sample ID: 580-24953-1
Client Matrix: Water

Date Sampled: 03/12/2011 1330
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 1802
Date Prepared: 03/14/2011 1802

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322375.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.7		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	0.18		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	ND		0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.068	J	0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **Irrigation Well**

Lab Sample ID: 580-24953-1
Client Matrix: Water

Date Sampled: 03/12/2011 1330
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 1802
Date Prepared: 03/14/2011 1802

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322375.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		70 - 130
Trifluorotoluene (Surr)	91		80 - 125
Toluene-d8 (Surr)	95		75 - 125
Ethylbenzene-d10	96		75 - 125
4-Bromofluorobenzene (Surr)	97		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-A**

Lab Sample ID: 580-24953-2
Client Matrix: Water

Date Sampled: 03/12/2011 1540
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322376.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 1827		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1827		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	ND		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	0.031	J	0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	ND		0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc | Job Number: 580-24953-1

Client Sample ID: **YK-MW-A**

Lab Sample ID: 580-24953-2 | Date Sampled: 03/12/2011 1540
Client Matrix: Water | Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID:	SEA015
Preparation:	5030B		Lab File ID:	I0322376.D
Dilution:	1.0		Initial Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1827		Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1827			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		70 - 130
Trifluorotoluene (Surr)	92		80 - 125
Toluene-d8 (Surr)	95		75 - 125
Ethylbenzene-d10	95		75 - 125
4-Bromofluorobenzene (Surr)	96		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-B**

Lab Sample ID: 580-24953-3
Client Matrix: Water

Date Sampled: 03/12/2011 1700
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322377.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 1853		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1853		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	0.025	J	0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	0.059	J	0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	ND		0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.070	J	0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-B**

Lab Sample ID: 580-24953-3
Client Matrix: Water

Date Sampled: 03/12/2011 1700
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 1853
Date Prepared: 03/14/2011 1853

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322377.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	100		70 - 130
Trifluorotoluene (Surr)	93		80 - 125
Toluene-d8 (Surr)	95		75 - 125
Ethylbenzene-d10	94		75 - 125
4-Bromofluorobenzene (Surr)	93		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **TB01**

Lab Sample ID: 580-24953-4
Client Matrix: Water

Date Sampled: 03/12/2011 0000
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 1711
Date Prepared: 03/14/2011 1711

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322373.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	ND		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	ND		0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	ND		0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **TB01**

Lab Sample ID: 580-24953-4
Client Matrix: Water

Date Sampled: 03/12/2011 0000
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 1711
Date Prepared: 03/14/2011 1711

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322373.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	100		70 - 130
Trifluorotoluene (Surr)	103		80 - 125
Toluene-d8 (Surr)	96		75 - 125
Ethylbenzene-d10	94		75 - 125
4-Bromofluorobenzene (Surr)	97		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-1**

Lab Sample ID: 580-24953-5
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322378.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 1918		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1918		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	ND		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	0.039	J	0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	ND		0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc | Job Number: 580-24953-1

Client Sample ID: **YK-MW-1**

Lab Sample ID: 580-24953-5 | Date Sampled: 03/13/2011 0900
Client Matrix: Water | Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322378.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 1918		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1918		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	99		70 - 130
Trifluorotoluene (Surr)	96		80 - 125
Toluene-d8 (Surr)	95		75 - 125
Ethylbenzene-d10	95		75 - 125
4-Bromofluorobenzene (Surr)	97		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-2**

Lab Sample ID: 580-24953-6
Client Matrix: Water

Date Sampled: 03/13/2011 0940
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322379.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 1944		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1944		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	0.061	J	0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	0.50		0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.039	J	0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-2**

Lab Sample ID: 580-24953-6
Client Matrix: Water

Date Sampled: 03/13/2011 0940
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322379.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 1944		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1944		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	100		70 - 130
Trifluorotoluene (Surr)	91		80 - 125
Toluene-d8 (Surr)	94		75 - 125
Ethylbenzene-d10	93		75 - 125
4-Bromofluorobenzene (Surr)	96		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-3**

Lab Sample ID: 580-24953-7
Client Matrix: Water

Date Sampled: 03/13/2011 1015
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322382.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 2102		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 2102		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	0.15		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	0.027	J	0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	0.035	J	0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	0.047	J	0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.077	J	0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-3**

Lab Sample ID: 580-24953-7
Client Matrix: Water

Date Sampled: 03/13/2011 1015
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 2102
Date Prepared: 03/14/2011 2102

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322382.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		70 - 130
Trifluorotoluene (Surr)	88		80 - 125
Toluene-d8 (Surr)	96		75 - 125
Ethylbenzene-d10	94		75 - 125
4-Bromofluorobenzene (Surr)	96		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-4**

Lab Sample ID: 580-24953-8
Client Matrix: Water

Date Sampled: 03/13/2011 1124
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322383.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 2128		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 2128		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	0.094	J	0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	ND		0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.069	J	0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc | Job Number: 580-24953-1

Client Sample ID: **YK-MW-4**

Lab Sample ID: 580-24953-8 | Date Sampled: 03/13/2011 1124
Client Matrix: Water | Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322383.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 2128		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 2128		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	100		70 - 130
Trifluorotoluene (Surr)	91		80 - 125
Toluene-d8 (Surr)	96		75 - 125
Ethylbenzene-d10	96		75 - 125
4-Bromofluorobenzene (Surr)	94		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-5**

Lab Sample ID: 580-24953-9
Client Matrix: Water

Date Sampled: 03/13/2011 1355
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322384.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 2155		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 2155		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	0.14		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	0.080	J	0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.11		0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-5**

Lab Sample ID: 580-24953-9
Client Matrix: Water

Date Sampled: 03/13/2011 1355
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 2155
Date Prepared: 03/14/2011 2155

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322384.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		70 - 130
Trifluorotoluene (Surr)	123		80 - 125
Toluene-d8 (Surr)	94		75 - 125
Ethylbenzene-d10	94		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-6**

Lab Sample ID: 580-24953-10
Client Matrix: Water

Date Sampled: 03/13/2011 1450
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 2220
Date Prepared: 03/14/2011 2220

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322385.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	0.067	J	0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	0.025	J	0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.035	J	0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc | Job Number: 580-24953-1

Client Sample ID: **YK-MW-6**

Lab Sample ID: 580-24953-10 | Date Sampled: 03/13/2011 1450
Client Matrix: Water | Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322385.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 2220		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 2220		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		70 - 130
Trifluorotoluene (Surr)	94		80 - 125
Toluene-d8 (Surr)	96		75 - 125
Ethylbenzene-d10	96		75 - 125
4-Bromofluorobenzene (Surr)	96		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-7**

Lab Sample ID: 580-24953-11
Client Matrix: Water

Date Sampled: 03/13/2011 1201
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 2247
Date Prepared: 03/14/2011 2247

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322386.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	6.7		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	0.11		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	0.50		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	1.2		0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.036	J	0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	0.049	J	0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	0.031	J	0.030	0.10
m-Xylene & p-Xylene	0.059	J	0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc | Job Number: 580-24953-1

Client Sample ID: **YK-MW-7**

Lab Sample ID: 580-24953-11 | Date Sampled: 03/13/2011 1201
Client Matrix: Water | Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238	Instrument ID: SEA015
Preparation:	5030B		Lab File ID: I0322386.D
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	03/14/2011 2247		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 2247		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		70 - 130
Trifluorotoluene (Surr)	88		80 - 125
Toluene-d8 (Surr)	97		75 - 125
Ethylbenzene-d10	91		75 - 125
4-Bromofluorobenzene (Surr)	90		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW11**

Lab Sample ID: 580-24953-12
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 2313
Date Prepared: 03/14/2011 2313

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322387.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	ND		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	0.047	J	0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	0.028	J	0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW11**

Lab Sample ID: 580-24953-12
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 2313
Date Prepared: 03/14/2011 2313

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322387.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		70 - 130
Trifluorotoluene (Surr)	95		80 - 125
Toluene-d8 (Surr)	97		75 - 125
Ethylbenzene-d10	91		75 - 125
4-Bromofluorobenzene (Surr)	90		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-Equipment Blank**

Lab Sample ID: 580-24953-13
Client Matrix: Water

Date Sampled: 03/13/2011 1500
Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2011 2338
Date Prepared: 03/14/2011 2338

Analysis Batch: 580-82238

Instrument ID: SEA015
Lab File ID: I0322388.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	11		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	ND		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	0.12		0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	ND		0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20

Client: MWH Americas Inc | Job Number: 580-24953-1

Client Sample ID: **YK-Equipment Blank**

Lab Sample ID: 580-24953-13 | Date Sampled: 03/13/2011 1500
Client Matrix: Water | Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 580-82238		Instrument ID:	SEA015
Preparation:	5030B			Lab File ID:	I0322388.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2338			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 2338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		70 - 130
Trifluorotoluene (Surr)	89		80 - 125
Toluene-d8 (Surr)	97		75 - 125
Ethylbenzene-d10	94		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **Irrigation Well**

Lab Sample ID: 580-24953-1
Client Matrix: Water

Date Sampled: 03/12/2011 1330
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004101.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/14/2011 1752			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND	*	0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	ND		2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	ND		0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **Irrigation Well**

Lab Sample ID: 580-24953-1
Client Matrix: Water

Date Sampled: 03/12/2011 1330
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004101.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/14/2011 1752			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	ND		0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	62		20 - 110
Phenol-d5	30		10 - 115
Nitrobenzene-d5	92		40 - 110
2-Fluorobiphenyl	79		50 - 110
2,4,6-Tribromophenol	80		40 - 125
Terphenyl-d14	80		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-A**

Lab Sample ID: 580-24953-2
Client Matrix: Water

Date Sampled: 03/12/2011 1540
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004102.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/14/2011 1811			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND	*	0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	ND		2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	ND		0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc | Job Number: 580-24953-1

Client Sample ID: **YK-MW-A**

Lab Sample ID: 580-24953-2 | Date Sampled: 03/12/2011 1540
Client Matrix: Water | Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004102.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/14/2011 1811			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	ND		0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	58		20 - 110
Phenol-d5	31		10 - 115
Nitrobenzene-d5	82		40 - 110
2-Fluorobiphenyl	82		50 - 110
2,4,6-Tribromophenol	81		40 - 125
Terphenyl-d14	77		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-B**

Lab Sample ID: 580-24953-3
Client Matrix: Water

Date Sampled: 03/12/2011 1700
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004103.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Date Analyzed:	03/14/2011 1830			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.48	2.9
Bis(2-chloroethyl)ether	ND		0.48	1.9
2-Chlorophenol	ND		0.48	1.9
1,3-Dichlorobenzene	ND		0.48	1.9
1,4-Dichlorobenzene	ND		0.48	1.9
Benzyl alcohol	ND		0.48	1.9
1,2-Dichlorobenzene	ND		0.48	1.9
2-Methylphenol	ND		0.48	1.9
3 & 4 Methylphenol	ND		0.48	3.8
N-Nitrosodi-n-propylamine	ND		0.48	1.9
Hexachloroethane	ND		0.48	2.9
Nitrobenzene	ND	*	0.48	1.9
Isophorone	ND		0.48	1.9
2-Nitrophenol	ND		0.48	1.9
2,4-Dimethylphenol	ND		1.4	4.8
Benzoic acid	ND		2.9	9.6
Bis(2-chloroethoxy)methane	ND		0.48	1.9
2,4-Dichlorophenol	ND		0.48	1.9
1,2,4-Trichlorobenzene	ND		0.48	1.9
Naphthalene	ND		0.48	1.9
4-Chloroaniline	ND		0.48	1.9
Hexachlorobutadiene	ND		0.48	2.9
4-Chloro-3-methylphenol	ND		0.48	1.9
2-Methylnaphthalene	ND		0.096	0.96
Hexachlorocyclopentadiene	ND		0.48	9.6
2,4,6-Trichlorophenol	ND		0.48	2.9
2,4,5-Trichlorophenol	ND		0.48	1.9
2-Chloronaphthalene	ND		0.096	0.29
2-Nitroaniline	ND		0.48	1.9
Dimethyl phthalate	ND		0.48	1.9
Acenaphthylene	ND		0.096	0.38
2,6-Dinitrotoluene	ND		0.48	1.9
3-Nitroaniline	ND		0.58	1.9
Acenaphthene	ND		0.096	0.48
2,4-Dinitrophenol	ND		4.8	24
4-Nitrophenol	ND		4.8	9.6
Dibenzofuran	ND		0.48	1.9
2,4-Dinitrotoluene	ND		0.48	1.9
Diethyl phthalate	ND		0.48	1.9
4-Chlorophenyl phenyl ether	ND		0.48	1.9
Fluorene	ND		0.096	0.29
4-Nitroaniline	ND		0.48	2.9
4,6-Dinitro-2-methylphenol	ND		4.8	19
N-Nitrosodiphenylamine	ND		0.48	1.9
4-Bromophenyl phenyl ether	ND		0.48	1.9
Hexachlorobenzene	ND		0.48	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-B**

Lab Sample ID: 580-24953-3
Client Matrix: Water

Date Sampled: 03/12/2011 1700
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004103.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Date Analyzed:	03/14/2011 1830			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.48	3.4
Phenanthrene	ND		0.096	0.38
Anthracene	ND		0.048	0.19
Di-n-butyl phthalate	0.67	J	0.62	1.9
Fluoranthene	ND		0.062	0.24
Pyrene	ND		0.062	0.29
Butyl benzyl phthalate	ND		0.96	2.9
3,3'-Dichlorobenzidine	ND		0.48	9.6
Benzo[a]anthracene	ND		0.096	0.29
Chrysene	ND		0.062	0.19
Bis(2-ethylhexyl) phthalate	ND		5.7	14
Di-n-octyl phthalate	ND		0.96	1.9
Benzo[a]pyrene	ND		0.096	0.19
Indeno[1,2,3-cd]pyrene	ND		0.096	0.29
Dibenz(a,h)anthracene	ND		0.096	0.29
Benzo[g,h,i]perylene	ND		0.096	0.29
Carbazole	ND		0.48	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.096	0.38
Benzo[k]fluoranthene	ND		0.096	0.29
2,2'-oxybis[1-chloropropane]	ND		0.48	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	61		20 - 110
Phenol-d5	32		10 - 115
Nitrobenzene-d5	82		40 - 110
2-Fluorobiphenyl	80		50 - 110
2,4,6-Tribromophenol	80		40 - 125
Terphenyl-d14	71		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-1**

Lab Sample ID: 580-24953-5
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004104.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/14/2011 1849			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND	*	0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	ND		2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	ND		0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-1**

Lab Sample ID: 580-24953-5
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82194		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004104.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/14/2011 1849			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	ND		0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	70		20 - 110
Phenol-d5	41		10 - 115
Nitrobenzene-d5	97		40 - 110
2-Fluorobiphenyl	84		50 - 110
2,4,6-Tribromophenol	80		40 - 125
Terphenyl-d14	72		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-2**

Lab Sample ID: 580-24953-6
Client Matrix: Water

Date Sampled: 03/13/2011 0940
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004108.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Date Analyzed:	03/15/2011 0903			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.48	2.9
Bis(2-chloroethyl)ether	ND		0.48	1.9
2-Chlorophenol	ND		0.48	1.9
1,3-Dichlorobenzene	ND		0.48	1.9
1,4-Dichlorobenzene	ND		0.48	1.9
Benzyl alcohol	ND		0.48	1.9
1,2-Dichlorobenzene	ND		0.48	1.9
2-Methylphenol	ND		0.48	1.9
3 & 4 Methylphenol	ND		0.48	3.8
N-Nitrosodi-n-propylamine	ND		0.48	1.9
Hexachloroethane	ND		0.48	2.9
Nitrobenzene	ND		0.48	1.9
Isophorone	ND		0.48	1.9
2-Nitrophenol	ND		0.48	1.9
2,4-Dimethylphenol	ND		1.4	4.8
Benzoic acid	ND		2.9	9.5
Bis(2-chloroethoxy)methane	ND		0.48	1.9
2,4-Dichlorophenol	ND		0.48	1.9
1,2,4-Trichlorobenzene	ND		0.48	1.9
Naphthalene	ND		0.48	1.9
4-Chloroaniline	ND		0.48	1.9
Hexachlorobutadiene	ND		0.48	2.9
4-Chloro-3-methylphenol	ND		0.48	1.9
2-Methylnaphthalene	ND		0.095	0.95
Hexachlorocyclopentadiene	ND		0.48	9.5
2,4,6-Trichlorophenol	ND		0.48	2.9
2,4,5-Trichlorophenol	ND		0.48	1.9
2-Chloronaphthalene	ND		0.095	0.29
2-Nitroaniline	ND		0.48	1.9
Dimethyl phthalate	ND		0.48	1.9
Acenaphthylene	ND		0.095	0.38
2,6-Dinitrotoluene	ND		0.48	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.095	0.48
2,4-Dinitrophenol	ND		4.8	24
4-Nitrophenol	ND		4.8	9.5
Dibenzofuran	ND		0.48	1.9
2,4-Dinitrotoluene	ND		0.48	1.9
Diethyl phthalate	ND		0.48	1.9
4-Chlorophenyl phenyl ether	ND		0.48	1.9
Fluorene	ND		0.095	0.29
4-Nitroaniline	ND		0.48	2.9
4,6-Dinitro-2-methylphenol	ND		4.8	19
N-Nitrosodiphenylamine	ND		0.48	1.9
4-Bromophenyl phenyl ether	ND		0.48	1.9
Hexachlorobenzene	ND		0.48	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-2**

Lab Sample ID: 580-24953-6
Client Matrix: Water

Date Sampled: 03/13/2011 0940
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272	Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214	Lab File ID:	FT004108.D
Dilution:	1.0		Initial Weight/Volume:	1050 mL
Date Analyzed:	03/15/2011 0903		Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.48	3.3
Phenanthrene	ND		0.095	0.38
Anthracene	ND		0.048	0.19
Di-n-butyl phthalate	0.92	J	0.62	1.9
Fluoranthene	ND		0.062	0.24
Pyrene	ND		0.062	0.29
Butyl benzyl phthalate	ND		0.95	2.9
3,3'-Dichlorobenzidine	ND		0.48	9.5
Benzo[a]anthracene	ND		0.095	0.29
Chrysene	ND		0.062	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.95	1.9
Benzo[a]pyrene	ND		0.095	0.19
Indeno[1,2,3-cd]pyrene	ND		0.095	0.29
Dibenz(a,h)anthracene	ND		0.095	0.29
Benzo[g,h,i]perylene	ND		0.095	0.29
Carbazole	ND		0.48	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.095	0.38
Benzo[k]fluoranthene	ND		0.095	0.29
2,2'-oxybis[1-chloropropane]	ND		0.48	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	64		20 - 110
Phenol-d5	36		10 - 115
Nitrobenzene-d5	89		40 - 110
2-Fluorobiphenyl	79		50 - 110
2,4,6-Tribromophenol	79		40 - 125
Terphenyl-d14	74		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-3**

Lab Sample ID: 580-24953-7
Client Matrix: Water

Date Sampled: 03/13/2011 1015
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004111.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1000			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND		0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	ND		2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	ND		0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-3**

Lab Sample ID: 580-24953-7
Client Matrix: Water

Date Sampled: 03/13/2011 1015
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272	Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214	Lab File ID:	FT004111.D
Dilution:	1.0		Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1000		Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	0.71	J	0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	66		20 - 110
Phenol-d5	50		10 - 115
Nitrobenzene-d5	78		40 - 110
2-Fluorobiphenyl	75		50 - 110
2,4,6-Tribromophenol	73		40 - 125
Terphenyl-d14	73		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-4**

Lab Sample ID: 580-24953-8
Client Matrix: Water

Date Sampled: 03/13/2011 1124
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004112.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1019			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND		0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	ND		2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	ND		0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-4**

Lab Sample ID: 580-24953-8
Client Matrix: Water

Date Sampled: 03/13/2011 1124
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004112.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1019			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	0.72	J	0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	49		20 - 110
Phenol-d5	28		10 - 115
Nitrobenzene-d5	75		40 - 110
2-Fluorobiphenyl	72		50 - 110
2,4,6-Tribromophenol	66		40 - 125
Terphenyl-d14	60		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-5**

Lab Sample ID: 580-24953-9
Client Matrix: Water

Date Sampled: 03/13/2011 1355
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004113.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1038			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND		0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	ND		2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	ND		0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-5**

Lab Sample ID: 580-24953-9
Client Matrix: Water

Date Sampled: 03/13/2011 1355
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004113.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1038			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	ND		0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	49		20 - 110
Phenol-d5	32		10 - 115
Nitrobenzene-d5	69		40 - 110
2-Fluorobiphenyl	67		50 - 110
2,4,6-Tribromophenol	59		40 - 125
Terphenyl-d14	53		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-6**

Lab Sample ID: 580-24953-10
Client Matrix: Water

Date Sampled: 03/13/2011 1450
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004114.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1057			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND		0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	ND		2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	ND		0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-6**

Lab Sample ID: 580-24953-10
Client Matrix: Water

Date Sampled: 03/13/2011 1450
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272	Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214	Lab File ID:	FT004114.D
Dilution:	1.0		Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1057		Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054		Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	0.69	J	0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	50		20 - 110
Phenol-d5	30		10 - 115
Nitrobenzene-d5	77		40 - 110
2-Fluorobiphenyl	68		50 - 110
2,4,6-Tribromophenol	64		40 - 125
Terphenyl-d14	55		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-7**

Lab Sample ID: 580-24953-11
Client Matrix: Water

Date Sampled: 03/13/2011 1201
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004115.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1116			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND		0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	3.6	J	2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	0.50	J	0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-7**

Lab Sample ID: 580-24953-11
Client Matrix: Water

Date Sampled: 03/13/2011 1201
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004115.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1116			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	0.69	J	0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	27		20 - 110
Phenol-d5	26		10 - 115
Nitrobenzene-d5	62		40 - 110
2-Fluorobiphenyl	50		50 - 110
2,4,6-Tribromophenol	34	X	40 - 125
Terphenyl-d14	24	X	50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW11**

Lab Sample ID: 580-24953-12
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004116.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1135			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.47	2.8
Bis(2-chloroethyl)ether	ND		0.47	1.9
2-Chlorophenol	ND		0.47	1.9
1,3-Dichlorobenzene	ND		0.47	1.9
1,4-Dichlorobenzene	ND		0.47	1.9
Benzyl alcohol	ND		0.47	1.9
1,2-Dichlorobenzene	ND		0.47	1.9
2-Methylphenol	ND		0.47	1.9
3 & 4 Methylphenol	ND		0.47	3.8
N-Nitrosodi-n-propylamine	ND		0.47	1.9
Hexachloroethane	ND		0.47	2.8
Nitrobenzene	ND		0.47	1.9
Isophorone	ND		0.47	1.9
2-Nitrophenol	ND		0.47	1.9
2,4-Dimethylphenol	ND		1.4	4.7
Benzoic acid	ND		2.8	9.4
Bis(2-chloroethoxy)methane	ND		0.47	1.9
2,4-Dichlorophenol	ND		0.47	1.9
1,2,4-Trichlorobenzene	ND		0.47	1.9
Naphthalene	ND		0.47	1.9
4-Chloroaniline	ND		0.47	1.9
Hexachlorobutadiene	ND		0.47	2.8
4-Chloro-3-methylphenol	ND		0.47	1.9
2-Methylnaphthalene	ND		0.094	0.94
Hexachlorocyclopentadiene	ND		0.47	9.4
2,4,6-Trichlorophenol	ND		0.47	2.8
2,4,5-Trichlorophenol	ND		0.47	1.9
2-Chloronaphthalene	ND		0.094	0.28
2-Nitroaniline	ND		0.47	1.9
Dimethyl phthalate	ND		0.47	1.9
Acenaphthylene	ND		0.094	0.38
2,6-Dinitrotoluene	ND		0.47	1.9
3-Nitroaniline	ND		0.57	1.9
Acenaphthene	ND		0.094	0.47
2,4-Dinitrophenol	ND		4.7	24
4-Nitrophenol	ND		4.7	9.4
Dibenzofuran	ND		0.47	1.9
2,4-Dinitrotoluene	ND		0.47	1.9
Diethyl phthalate	ND		0.47	1.9
4-Chlorophenyl phenyl ether	ND		0.47	1.9
Fluorene	ND		0.094	0.28
4-Nitroaniline	ND		0.47	2.8
4,6-Dinitro-2-methylphenol	ND		4.7	19
N-Nitrosodiphenylamine	ND		0.47	1.9
4-Bromophenyl phenyl ether	ND		0.47	1.9
Hexachlorobenzene	ND		0.47	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW11**

Lab Sample ID: 580-24953-12
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004116.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 1135			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.47	3.3
Phenanthrene	ND		0.094	0.38
Anthracene	ND		0.047	0.19
Di-n-butyl phthalate	ND		0.61	1.9
Fluoranthene	ND		0.061	0.24
Pyrene	ND		0.061	0.28
Butyl benzyl phthalate	ND		0.94	2.8
3,3'-Dichlorobenzidine	ND		0.47	9.4
Benzo[a]anthracene	ND		0.094	0.28
Chrysene	ND		0.061	0.19
Bis(2-ethylhexyl) phthalate	ND		5.6	14
Di-n-octyl phthalate	ND		0.94	1.9
Benzo[a]pyrene	ND		0.094	0.19
Indeno[1,2,3-cd]pyrene	ND		0.094	0.28
Dibenz(a,h)anthracene	ND		0.094	0.28
Benzo[g,h,i]perylene	ND		0.094	0.28
Carbazole	ND		0.47	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.094	0.38
Benzo[k]fluoranthene	ND		0.094	0.28
2,2'-oxybis[1-chloropropane]	ND		0.47	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	59		20 - 110
Phenol-d5	31		10 - 115
Nitrobenzene-d5	90		40 - 110
2-Fluorobiphenyl	83		50 - 110
2,4,6-Tribromophenol	80		40 - 125
Terphenyl-d14	64		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-Equipment Blank**

Lab Sample ID: 580-24953-13
Client Matrix: Water

Date Sampled: 03/13/2011 1500
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004117.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Date Analyzed:	03/15/2011 1154			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	ND		0.48	2.9
Bis(2-chloroethyl)ether	ND		0.48	1.9
2-Chlorophenol	ND		0.48	1.9
1,3-Dichlorobenzene	ND		0.48	1.9
1,4-Dichlorobenzene	ND		0.48	1.9
Benzyl alcohol	ND		0.48	1.9
1,2-Dichlorobenzene	ND		0.48	1.9
2-Methylphenol	ND		0.48	1.9
3 & 4 Methylphenol	ND		0.48	3.8
N-Nitrosodi-n-propylamine	ND		0.48	1.9
Hexachloroethane	ND		0.48	2.9
Nitrobenzene	ND		0.48	1.9
Isophorone	ND		0.48	1.9
2-Nitrophenol	ND		0.48	1.9
2,4-Dimethylphenol	ND		1.4	4.8
Benzoic acid	ND		2.9	9.6
Bis(2-chloroethoxy)methane	ND		0.48	1.9
2,4-Dichlorophenol	ND		0.48	1.9
1,2,4-Trichlorobenzene	ND		0.48	1.9
Naphthalene	ND		0.48	1.9
4-Chloroaniline	ND		0.48	1.9
Hexachlorobutadiene	ND		0.48	2.9
4-Chloro-3-methylphenol	ND		0.48	1.9
2-Methylnaphthalene	ND		0.096	0.96
Hexachlorocyclopentadiene	ND		0.48	9.6
2,4,6-Trichlorophenol	ND		0.48	2.9
2,4,5-Trichlorophenol	ND		0.48	1.9
2-Chloronaphthalene	ND		0.096	0.29
2-Nitroaniline	ND		0.48	1.9
Dimethyl phthalate	ND		0.48	1.9
Acenaphthylene	ND		0.096	0.38
2,6-Dinitrotoluene	ND		0.48	1.9
3-Nitroaniline	ND		0.58	1.9
Acenaphthene	ND		0.096	0.48
2,4-Dinitrophenol	ND		4.8	24
4-Nitrophenol	ND		4.8	9.6
Dibenzofuran	ND		0.48	1.9
2,4-Dinitrotoluene	ND		0.48	1.9
Diethyl phthalate	ND		0.48	1.9
4-Chlorophenyl phenyl ether	ND		0.48	1.9
Fluorene	ND		0.096	0.29
4-Nitroaniline	ND		0.48	2.9
4,6-Dinitro-2-methylphenol	ND		4.8	19
N-Nitrosodiphenylamine	ND		0.48	1.9
4-Bromophenyl phenyl ether	ND		0.48	1.9
Hexachlorobenzene	ND		0.48	1.9

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-Equipment Blank**

Lab Sample ID: 580-24953-13
Client Matrix: Water

Date Sampled: 03/13/2011 1500
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)

Method:	8270C	Analysis Batch: 580-82272		Instrument ID:	TAC050
Preparation:	3510C	Prep Batch: 580-82214		Lab File ID:	FT004117.D
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Date Analyzed:	03/15/2011 1154			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pentachlorophenol	ND		0.48	3.4
Phenanthrene	ND		0.096	0.38
Anthracene	ND		0.048	0.19
Di-n-butyl phthalate	ND		0.62	1.9
Fluoranthene	ND		0.062	0.24
Pyrene	ND		0.062	0.29
Butyl benzyl phthalate	ND		0.96	2.9
3,3'-Dichlorobenzidine	ND		0.48	9.6
Benzo[a]anthracene	ND		0.096	0.29
Chrysene	ND		0.062	0.19
Bis(2-ethylhexyl) phthalate	ND		5.7	14
Di-n-octyl phthalate	ND		0.96	1.9
Benzo[a]pyrene	ND		0.096	0.19
Indeno[1,2,3-cd]pyrene	ND		0.096	0.29
Dibenz(a,h)anthracene	ND		0.096	0.29
Benzo[g,h,i]perylene	ND		0.096	0.29
Carbazole	ND		0.48	1.9
1-Methylnaphthalene	ND		0.14	0.38
Benzo[b]fluoranthene	ND		0.096	0.38
Benzo[k]fluoranthene	ND		0.096	0.29
2,2'-oxybis[1-chloropropane]	ND		0.48	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	53		20 - 110
Phenol-d5	27		10 - 115
Nitrobenzene-d5	77		40 - 110
2-Fluorobiphenyl	78		50 - 110
2,4,6-Tribromophenol	72		40 - 125
Terphenyl-d14	70		50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **Irrigation Well**

Lab Sample ID: 580-24953-1
Client Matrix: Water

Date Sampled: 03/12/2011 1330
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292	Instrument ID: TAC042
Preparation:	3510C	Prep Batch: 580-82215	Initial Weight/Volume: 1060 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/15/2011 1139		Injection Volume: 1 uL
Date Prepared:	03/14/2011 1054		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		60 - 150
DCB Decachlorobiphenyl	74		40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-A**

Lab Sample ID: 580-24953-2
Client Matrix: Water

Date Sampled: 03/12/2011 1540
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292	Instrument ID: TAC042
Preparation:	3510C	Prep Batch: 580-82215	Initial Weight/Volume: 1060 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/15/2011 1153		Injection Volume: 1 uL
Date Prepared:	03/14/2011 1054		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	93		60 - 150
DCB Decachlorobiphenyl	64		40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-B**

Lab Sample ID: 580-24953-3
Client Matrix: Water

Date Sampled: 03/12/2011 1700
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292		Instrument ID:	TAC042
Preparation:	3510C	Prep Batch: 580-82215		Initial Weight/Volume:	1060 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/15/2011 1207			Injection Volume:	1 uL
Date Prepared:	03/14/2011 1054			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		60 - 150
DCB Decachlorobiphenyl	40		40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-1**

Lab Sample ID: 580-24953-5
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292	Instrument ID: TAC042
Preparation:	3510C	Prep Batch: 580-82215	Initial Weight/Volume: 1060 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/15/2011 1221		Injection Volume: 1 uL
Date Prepared:	03/14/2011 1054		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	92		60 - 150
DCB Decachlorobiphenyl	53		40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-2**

Lab Sample ID: 580-24953-6
Client Matrix: Water

Date Sampled: 03/13/2011 0940
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292	Instrument ID: TAC042
Preparation:	3510C	Prep Batch: 580-82215	Initial Weight/Volume: 1060 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/15/2011 1235		Injection Volume: 1 uL
Date Prepared:	03/14/2011 1054		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	94		60 - 150
DCB Decachlorobiphenyl	68		40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-3**

Lab Sample ID: 580-24953-7
Client Matrix: Water

Date Sampled: 03/13/2011 1015
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292	Instrument ID: TAC042
Preparation:	3510C	Prep Batch: 580-82215	Initial Weight/Volume: 1060 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/15/2011 1346		Injection Volume: 1 uL
Date Prepared:	03/14/2011 1054		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	93		60 - 150
DCB Decachlorobiphenyl	74		40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-4**

Lab Sample ID: 580-24953-8
Client Matrix: Water

Date Sampled: 03/13/2011 1124
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292	Instrument ID: TAC042
Preparation:	3510C	Prep Batch: 580-82215	Initial Weight/Volume: 1050 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/15/2011 1400		Injection Volume: 1 uL
Date Prepared:	03/14/2011 1054		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.043	0.48
PCB-1221	ND		0.059	0.48
PCB-1232	ND		0.039	0.48
PCB-1242	ND		0.039	0.48
PCB-1248	ND		0.068	0.48
PCB-1254	ND		0.042	0.48
PCB-1260	ND		0.037	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		60 - 150
DCB Decachlorobiphenyl	44		40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-5**

Lab Sample ID: 580-24953-9
Client Matrix: Water

Date Sampled: 03/13/2011 1355
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292	Instrument ID: TAC042
Preparation:	3510C	Prep Batch: 580-82215	Initial Weight/Volume: 1060 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/15/2011 1414		Injection Volume: 1 uL
Date Prepared:	03/14/2011 1054		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		60 - 150
DCB Decachlorobiphenyl	33	I X	40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-6**

Lab Sample ID: 580-24953-10
Client Matrix: Water

Date Sampled: 03/13/2011 1450
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292		Instrument ID:	TAC042
Preparation:	3510C	Prep Batch: 580-82215		Initial Weight/Volume:	1060 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/15/2011 1429			Injection Volume:	1 uL
Date Prepared:	03/14/2011 1054			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		60 - 150
DCB Decachlorobiphenyl	38	I X	40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-7**

Lab Sample ID: 580-24953-11
Client Matrix: Water

Date Sampled: 03/13/2011 1201
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292	Instrument ID: TAC042
Preparation:	3510C	Prep Batch: 580-82215	Initial Weight/Volume: 1060 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/15/2011 1443		Injection Volume: 1 uL
Date Prepared:	03/14/2011 1054		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	0.27	J	0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	70		60 - 150
DCB Decachlorobiphenyl	27	I X	40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW11**

Lab Sample ID: 580-24953-12
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292		Instrument ID:	TAC042
Preparation:	3510C	Prep Batch: 580-82215		Initial Weight/Volume:	1030 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/15/2011 1457			Injection Volume:	1 uL
Date Prepared:	03/14/2011 1054			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.044	0.49
PCB-1221	ND		0.060	0.49
PCB-1232	ND		0.040	0.49
PCB-1242	ND		0.040	0.49
PCB-1248	ND		0.069	0.49
PCB-1254	ND		0.043	0.49
PCB-1260	ND		0.038	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		60 - 150
DCB Decachlorobiphenyl	48		40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-Equipment Blank**

Lab Sample ID: 580-24953-13
Client Matrix: Water

Date Sampled: 03/13/2011 1500
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82292		Instrument ID:	TAC042
Preparation:	3510C	Prep Batch: 580-82215		Initial Weight/Volume:	1060 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	03/15/2011 1511			Injection Volume:	1 uL
Date Prepared:	03/14/2011 1054			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		60 - 150
DCB Decachlorobiphenyl	36	I X	40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **Irrigation Well**

Lab Sample ID: 580-24953-1
Client Matrix: Water

Date Sampled: 03/12/2011 1330
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1031			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.00024	0.0020
Barium	0.030		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0019	J	0.00037	0.0020
Copper	0.00075	J	0.00015	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0011	J	0.00049	0.0040
Nickel	0.0011	J	0.00022	0.0020
Selenium	0.0017	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.0014	J B	0.000089	0.0070
Zinc	0.028	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0929			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000055	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-A**

Lab Sample ID: 580-24953-2
Client Matrix: Water

Date Sampled: 03/12/2011 1540
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1035			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.00024	0.0020
Barium	0.051		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0041		0.00037	0.0020
Copper	0.0029	J	0.00015	0.0050
Lead	0.00026	J	0.00017	0.0020
Molybdenum	0.0013	J	0.00049	0.0040
Nickel	0.0025		0.00022	0.0020
Selenium	0.0012	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.00086	J B	0.000089	0.0070
Zinc	0.0063	J B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0932			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000064	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-B**

Lab Sample ID: 580-24953-3
Client Matrix: Water

Date Sampled: 03/12/2011 1700
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1039			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.00037	J	0.00024	0.0020
Barium	0.16		0.00027	0.0060
Beryllium	0.00076	J	0.00026	0.0020
Cadmium	0.00020	J	0.00014	0.0020
Chromium	0.060		0.00037	0.0020
Copper	0.018		0.00015	0.0050
Lead	0.011		0.00017	0.0020
Molybdenum	0.0078		0.00049	0.0040
Nickel	0.038		0.00022	0.0020
Selenium	0.00034	J	0.00034	0.0020
Silver	0.00036	J	0.00015	0.0020
Tin	0.0025	J B	0.000089	0.0070
Zinc	0.050	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0939			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000087	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-1**

Lab Sample ID: 580-24953-5
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1043			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.0012	J	0.00024	0.0020
Barium	0.13		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.024		0.00037	0.0020
Copper	0.014		0.00015	0.0050
Lead	0.0027		0.00017	0.0020
Molybdenum	0.0035	J	0.00049	0.0040
Nickel	0.017		0.00022	0.0020
Selenium	0.0011	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.0010	J B	0.000089	0.0070
Zinc	0.024	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0919			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000067	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-2**

Lab Sample ID: 580-24953-6
Client Matrix: Water

Date Sampled: 03/13/2011 0940
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0950			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.0015	J	0.00024	0.0020
Barium	0.081		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.016		0.00037	0.0020
Copper	0.0098		0.00015	0.0050
Lead	0.0025		0.00017	0.0020
Molybdenum	0.0029	J	0.00049	0.0040
Nickel	0.0088		0.00022	0.0020
Selenium	0.00070	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.00044	J B	0.000089	0.0070
Zinc	0.019	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0942			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000073	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-3**

Lab Sample ID: 580-24953-7
Client Matrix: Water

Date Sampled: 03/13/2011 1015
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1048			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.00024	0.0020
Barium	0.053		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0094		0.00037	0.0020
Copper	0.0051		0.00015	0.0050
Lead	0.00092	J	0.00017	0.0020
Molybdenum	0.0018	J	0.00049	0.0040
Nickel	0.0057		0.00022	0.0020
Selenium	0.00064	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.00048	J B	0.000089	0.0070
Zinc	0.0078	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0945			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000063	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-4**

Lab Sample ID: 580-24953-8
Client Matrix: Water

Date Sampled: 03/13/2011 1124
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1052			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.00024	0.0020
Barium	0.10		0.00027	0.0060
Beryllium	0.00030	J	0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.018		0.00037	0.0020
Copper	0.010		0.00015	0.0050
Lead	0.0018	J	0.00017	0.0020
Molybdenum	0.0021	J	0.00049	0.0040
Nickel	0.0099		0.00022	0.0020
Selenium	0.00047	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.00074	J B	0.000089	0.0070
Zinc	0.020	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0947			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000068	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-5**

Lab Sample ID: 580-24953-9
Client Matrix: Water

Date Sampled: 03/13/2011 1355
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1117			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.073		0.00024	0.0020
Barium	17		0.00027	0.0060
Beryllium	0.048		0.00026	0.0020
Cadmium	0.0042		0.00014	0.0020
Chromium	1.6		0.00037	0.0020
Copper	1.9		0.00015	0.0050
Lead	0.47		0.00017	0.0020
Molybdenum	0.028		0.00049	0.0040
Nickel	1.1		0.00022	0.0020
Selenium	0.0081		0.00034	0.0020
Silver	0.0036		0.00015	0.0020
Tin	0.055	B	0.000089	0.0070
Zinc	4.2	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0950			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.0019	B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-6**

Lab Sample ID: 580-24953-10
Client Matrix: Water

Date Sampled: 03/13/2011 1450
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1056			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	0.00041	J	0.00040	0.0020
Arsenic	0.0045		0.00024	0.0020
Barium	0.49		0.00027	0.0060
Beryllium	0.0018	J	0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.076		0.00037	0.0020
Copper	0.082		0.00015	0.0050
Lead	0.017		0.00017	0.0020
Molybdenum	0.0035	J	0.00049	0.0040
Nickel	0.053		0.00022	0.0020
Selenium	ND		0.00034	0.0020
Silver	0.00034	J	0.00015	0.0020
Tin	0.0031	J B	0.000089	0.0070
Zinc	0.17	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0955			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.00015	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW-7**

Lab Sample ID: 580-24953-11
Client Matrix: Water

Date Sampled: 03/13/2011 1201
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1121			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	0.00050	J	0.00040	0.0020
Arsenic	0.084		0.00024	0.0020
Barium	7.8		0.00027	0.0060
Beryllium	0.034		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	1.3		0.00037	0.0020
Copper	1.5		0.00015	0.0050
Lead	0.41		0.00017	0.0020
Molybdenum	0.028		0.00049	0.0040
Nickel	0.80		0.00022	0.0020
Selenium	0.0099		0.00034	0.0020
Silver	0.0036		0.00015	0.0020
Tin	0.045	B	0.000089	0.0070
Zinc	3.1	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0952			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.0013	B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-MW11**

Lab Sample ID: 580-24953-12
Client Matrix: Water

Date Sampled: 03/13/2011 0900
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307		Instrument ID:	SEA026
Preparation:	3005A	Prep Batch: 580-82227		Lab File ID:	82227-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1100			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.00069	J	0.00024	0.0020
Barium	0.12		0.00027	0.0060
Beryllium	0.00027	J	0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.021		0.00037	0.0020
Copper	0.013		0.00015	0.0050
Lead	0.0023		0.00017	0.0020
Molybdenum	0.0030	J	0.00049	0.0040
Nickel	0.016		0.00022	0.0020
Selenium	0.0011	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.00065	J B	0.000089	0.0070
Zinc	0.023	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82237		Lab File ID:	82237-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0957			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1406				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000074	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Client Sample ID: **YK-Equipment Blank**

Lab Sample ID: 580-24953-13
Client Matrix: Water

Date Sampled: 03/13/2011 1500
Date Received: 03/14/2011 0830

6020 Metals (ICP/MS)-Total Recoverable

Method:	6020	Analysis Batch: 580-82307	Instrument ID: SEA026
Preparation:	3005A	Prep Batch: 580-82227	Lab File ID: 82227-ICPMS.rep
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/15/2011 1104		Final Weight/Volume: 50 mL
Date Prepared:	03/14/2011 1217		

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.00024	0.0020
Barium	0.0089		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0032		0.00037	0.0020
Copper	0.0025	J	0.00015	0.0050
Lead	0.00054	J	0.00017	0.0020
Molybdenum	ND		0.00049	0.0040
Nickel	0.0011	J	0.00022	0.0020
Selenium	ND		0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.00031	J B	0.000089	0.0070
Zinc	0.024	B	0.0020	0.0070

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 580-82302	Instrument ID: TAC103
Preparation:	7470A	Prep Batch: 580-82237	Lab File ID: 82237-HG.CSV
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/15/2011 1000		Final Weight/Volume: 50 mL
Date Prepared:	03/14/2011 1406		

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.000065	J B	0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24953-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FB %Rec	TFT %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-24953-1	Irrigation Well	101	91	95	96	97
580-24953-2	YK-MW-A	103	92	95	95	96
580-24953-3	YK-MW-B	100	93	95	94	93
580-24953-4	TB01	100	103	96	94	97
580-24953-5	YK-MW-1	99	96	95	95	97
580-24953-6	YK-MW-2	100	91	94	93	96
580-24953-7	YK-MW-3	101	88	96	94	96
580-24953-8	YK-MW-4	100	91	96	96	94
580-24953-9	YK-MW-5	102	123	94	94	95
580-24953-10	YK-MW-6	102	94	96	96	96
580-24953-11	YK-MW-7	102	88	97	91	90
580-24953-12	YK-MW11	103	95	97	91	90
580-24953-13	YK-Equipment Blank	101	89	97	94	95
MB 580-82238/6		100	88	97	93	95
LCS 580-82238/8		102	92	96	93	90
580-24953-6 MS	YK-MW-2 MS	103	96	97	95	94
580-24953-6 MSD	YK-MW-2 MSD	101	87	95	96	93

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	70-130
TFT = Trifluorotoluene (Surr)	80-125
TOL = Toluene-d8 (Surr)	75-125
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: MWH Americas Inc

Job Number: 580-24953-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
580-24953-1	Irrigation Well	62	30	92	79	80	80
580-24953-2	YK-MW-A	58	31	82	82	81	77
580-24953-3	YK-MW-B	61	32	82	80	80	71
580-24953-5	YK-MW-1	70	41	97	84	80	72
580-24953-6	YK-MW-2	64	36	89	79	79	74
580-24953-7	YK-MW-3	66	50	78	75	73	73
580-24953-8	YK-MW-4	49	28	75	72	66	60
580-24953-9	YK-MW-5	49	32	69	67	59	53
580-24953-10	YK-MW-6	50	30	77	68	64	55
580-24953-11	YK-MW-7	27	26	62	50	34X	24X
580-24953-12	YK-MW11	59	31	90	83	80	64
580-24953-13	YK-Equipment Blank	53	27	77	78	72	70
MB 580-82214/1-A		88	57	85	81	77	71
LCS 580-82214/2-A		79	55	82	77	79	70
580-24953-6 MS	YK-MW-2 MS	54	36	92	79	80	70
580-24953-6 MSD	YK-MW-2 MSD	61	36	96	87	86	73

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	20-110
PHL = Phenol-d5	10-115
NBZ = Nitrobenzene-d5	40-110
FBP = 2-Fluorobiphenyl	50-110
TBP = 2,4,6-Tribromophenol	40-125
TPH = Terphenyl-d14	50-135

Client: MWH Americas Inc

Job Number: 580-24953-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
580-24953-1	Irrigation Well	82	86	86	74
580-24953-2	YK-MW-A	88	93	75	64
580-24953-3	YK-MW-B	82	85	45	40
580-24953-5	YK-MW-1	87	92	62	53
580-24953-6	YK-MW-2	92	94	81	68
580-24953-7	YK-MW-3	92	93	87	74
580-24953-8	YK-MW-4	82	86	50	44
580-24953-9	YK-MW-5	72	75	35X	33I X
580-24953-10	YK-MW-6	77	84	41	38I X
580-24953-11	YK-MW-7	66	70	29X	27I X
580-24953-12	YK-MW11	77	82	53	48
580-24953-13	YK-Equipment Blank	84	88	42	36I X
MB 580-82215/1-A		78	81	86	74
LCS 580-82215/2-A		75	81	84	73
580-24953-6 MS	YK-MW-2 MS	87	90	73	64
580-24953-6 MSD	YK-MW-2 MSD	89	91	82	70

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	60-150
DCB = DCB Decachlorobiphenyl	40-135

Client: MWH Americas Inc

Job Number: 580-24953-1

Method Blank - Batch: 580-82238

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 580-82238/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/14/2011 1646
Date Prepared: 03/14/2011 1646

Analysis Batch: 580-82238
Prep Batch: N/A
Units: ug/L

Instrument ID: SEA015
Lab File ID: I0322372.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		0.10	0.40
Chloromethane	ND		0.035	0.10
Vinyl chloride	ND		0.013	0.020
Bromomethane	ND		0.025	0.10
Chloroethane	ND		0.075	0.25
Trichlorofluoromethane	ND		0.025	0.10
1,1-Dichloroethene	ND		0.030	0.10
Methylene Chloride	ND		0.025	0.10
Methyl tert-butyl ether	ND		0.025	0.10
trans-1,2-Dichloroethene	ND		0.025	0.10
1,1-Dichloroethane	ND		0.025	0.10
2,2-Dichloropropane	ND		0.025	0.10
cis-1,2-Dichloroethene	ND		0.025	0.10
Chlorobromomethane	ND		0.025	0.10
Chloroform	ND		0.030	0.10
1,1,1-Trichloroethane	ND		0.025	0.10
Carbon tetrachloride	ND		0.025	0.10
1,1-Dichloropropene	ND		0.025	0.10
Benzene	ND		0.025	0.10
1,2-Dichloroethane	ND		0.025	0.10
Trichloroethene	ND		0.025	0.10
1,2-Dichloropropane	ND		0.025	0.10
Dibromomethane	ND		0.025	0.10
Dichlorobromomethane	ND		0.025	0.10
cis-1,3-Dichloropropene	ND		0.025	0.10
Toluene	ND		0.025	0.10
trans-1,3-Dichloropropene	ND		0.025	0.10
1,1,2-Trichloroethane	ND		0.025	0.10
Tetrachloroethene	ND		0.025	0.10
1,3-Dichloropropane	ND		0.025	0.10
Chlorodibromomethane	ND		0.025	0.10
Ethylene Dibromide	ND		0.025	0.10
Chlorobenzene	ND		0.025	0.10
1,1,1,2-Tetrachloroethane	ND		0.025	0.10
Ethylbenzene	ND		0.030	0.10
m-Xylene & p-Xylene	ND		0.050	0.20
o-Xylene	ND		0.025	0.10
Styrene	ND		0.025	0.10
Bromoform	ND		0.025	0.10
Isopropylbenzene	ND		0.025	0.10
Bromobenzene	ND		0.035	0.10
1,1,2,2-Tetrachloroethane	ND		0.025	0.10
1,2,3-Trichloropropane	ND		0.050	0.20

Client: MWH Americas Inc

Job Number: 580-24953-1

Method Blank - Batch: 580-82238

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 580-82238/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/14/2011 1646
Date Prepared: 03/14/2011 1646

Analysis Batch: 580-82238
Prep Batch: N/A
Units: ug/L

Instrument ID: SEA015
Lab File ID: I0322372.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
N-Propylbenzene	ND		0.025	0.10
2-Chlorotoluene	ND		0.030	0.10
4-Chlorotoluene	ND		0.050	0.20
1,3,5-Trimethylbenzene	ND		0.025	0.10
tert-Butylbenzene	ND		0.025	0.10
1,2,4-Trimethylbenzene	ND		0.030	0.10
sec-Butylbenzene	ND		0.025	0.10
4-Isopropyltoluene	ND		0.050	0.20
1,3-Dichlorobenzene	ND		0.050	0.20
1,4-Dichlorobenzene	ND		0.050	0.20
n-Butylbenzene	ND		0.030	0.10
1,2-Dichlorobenzene	ND		0.050	0.20
1,2-Dibromo-3-Chloropropane	ND		0.10	0.20
1,2,4-Trichlorobenzene	ND		0.075	0.20
Hexachlorobutadiene	ND		0.075	0.20
Naphthalene	ND		0.10	0.40
1,2,3-Trichlorobenzene	ND		0.10	0.40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	100	70 - 130
Trifluorotoluene (Surr)	88	80 - 125
Toluene-d8 (Surr)	97	75 - 125
Ethylbenzene-d10	93	75 - 125
4-Bromofluorobenzene (Surr)	95	75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Control Sample - Batch: 580-82238

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 580-82238/8	Analysis Batch:	580-82238	Instrument ID:	SEA015
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	I0322374.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 1736			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1736				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethene	5.00	6.06	121	78 - 151	
Benzene	5.00	5.08	102	75 - 142	
Trichloroethene	5.00	5.18	104	79 - 131	
Toluene	5.00	4.93	99	80 - 126	
Chlorobenzene	5.00	5.35	107	71 - 140	

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	102	70 - 130
Trifluorotoluene (Surr)	92	80 - 125
Toluene-d8 (Surr)	96	75 - 125
Ethylbenzene-d10	93	75 - 125
4-Bromofluorobenzene (Surr)	90	75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82238

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	580-24953-6	Analysis Batch:	580-82238	Instrument ID:	SEA015
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	I0322380.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2011			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 2011				

MSD Lab Sample ID:	580-24953-6	Analysis Batch:	580-82238	Instrument ID:	SEA015
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	I0322381.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	03/14/2011 2037			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 2037				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	132	129	78 - 151	3	30		
Benzene	110	103	75 - 142	6	30		
Trichloroethene	112	103	79 - 131	8	30		
Toluene	104	97	80 - 126	6	30		
Chlorobenzene	111	107	71 - 140	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	103	101	70 - 130
Trifluorotoluene (Surr)	96	87	80 - 125
Toluene-d8 (Surr)	97	95	75 - 125
Ethylbenzene-d10	95	96	75 - 125
4-Bromofluorobenzene (Surr)	94	93	75 - 120

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82238

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	580-24953-6	Units: ug/L	MSD Lab Sample ID:	580-24953-6	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/14/2011 2011		Date Analyzed:	03/14/2011 2037	
Date Prepared:	03/14/2011 2011		Date Prepared:	03/14/2011 2037	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1-Dichloroethene	ND	5.00	5.00	6.62	6.43
Benzene	ND	5.00	5.00	5.50	5.17
Trichloroethene	ND	5.00	5.00	5.61	5.17
Toluene	0.50	5.00	5.00	5.70	5.36
Chlorobenzene	ND	5.00	5.00	5.57	5.35

Client: MWH Americas Inc

Job Number: 580-24953-1

Method Blank - Batch: 580-82214

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 580-82214/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/14/2011 1229
Date Prepared: 03/14/2011 1054

Analysis Batch: 580-82194
Prep Batch: 580-82214
Units: ug/L

Instrument ID: TAC050
Lab File ID: FT004084.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Phenol	ND		0.50	3.0
Bis(2-chloroethyl)ether	ND		0.50	2.0
2-Chlorophenol	ND		0.50	2.0
1,3-Dichlorobenzene	ND		0.50	2.0
1,4-Dichlorobenzene	ND		0.50	2.0
Benzyl alcohol	ND		0.50	2.0
1,2-Dichlorobenzene	ND		0.50	2.0
2-Methylphenol	ND		0.50	2.0
3 & 4 Methylphenol	ND		0.50	4.0
N-Nitrosodi-n-propylamine	ND		0.50	2.0
Hexachloroethane	ND		0.50	3.0
Nitrobenzene	ND		0.50	2.0
Isophorone	ND		0.50	2.0
2-Nitrophenol	ND		0.50	2.0
2,4-Dimethylphenol	ND		1.5	5.0
Benzoic acid	ND		3.0	10
Bis(2-chloroethoxy)methane	ND		0.50	2.0
2,4-Dichlorophenol	ND		0.50	2.0
1,2,4-Trichlorobenzene	ND		0.50	2.0
Naphthalene	ND		0.50	2.0
4-Chloroaniline	ND		0.50	2.0
Hexachlorobutadiene	ND		0.50	3.0
4-Chloro-3-methylphenol	ND		0.50	2.0
2-Methylnaphthalene	ND		0.10	1.0
Hexachlorocyclopentadiene	ND		0.50	10
2,4,6-Trichlorophenol	ND		0.50	3.0
2,4,5-Trichlorophenol	ND		0.50	2.0
2-Chloronaphthalene	ND		0.10	0.30
2-Nitroaniline	ND		0.50	2.0
Dimethyl phthalate	ND		0.50	2.0
Acenaphthylene	ND		0.10	0.40
2,6-Dinitrotoluene	ND		0.50	2.0
3-Nitroaniline	ND		0.60	2.0
Acenaphthene	ND		0.10	0.50
2,4-Dinitrophenol	ND		5.0	25
4-Nitrophenol	ND		5.0	10
Dibenzofuran	ND		0.50	2.0
2,4-Dinitrotoluene	ND		0.50	2.0
Diethyl phthalate	ND		0.50	2.0
4-Chlorophenyl phenyl ether	ND		0.50	2.0
Fluorene	ND		0.10	0.30
4-Nitroaniline	ND		0.50	3.0
4,6-Dinitro-2-methylphenol	ND		5.0	20

Client: MWH Americas Inc

Job Number: 580-24953-1

Method Blank - Batch: 580-82214

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 580-82214/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/14/2011 1229
Date Prepared: 03/14/2011 1054

Analysis Batch: 580-82194
Prep Batch: 580-82214
Units: ug/L

Instrument ID: TAC050
Lab File ID: FT004084.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodiphenylamine	ND		0.50	2.0
4-Bromophenyl phenyl ether	ND		0.50	2.0
Hexachlorobenzene	ND		0.50	2.0
Pentachlorophenol	ND		0.50	3.5
Phenanthrene	ND		0.10	0.40
Anthracene	ND		0.050	0.20
Di-n-butyl phthalate	ND		0.65	2.0
Fluoranthene	ND		0.065	0.25
Pyrene	ND		0.065	0.30
Butyl benzyl phthalate	ND		1.0	3.0
3,3'-Dichlorobenzidine	ND		0.50	10
Benzo[a]anthracene	ND		0.10	0.30
Chrysene	ND		0.065	0.20
Bis(2-ethylhexyl) phthalate	ND		5.9	15
Di-n-octyl phthalate	ND		1.0	2.0
Benzo[a]pyrene	ND		0.10	0.20
Indeno[1,2,3-cd]pyrene	ND		0.10	0.30
Dibenz(a,h)anthracene	ND		0.10	0.30
Benzo[g,h,i]perylene	ND		0.10	0.30
Carbazole	ND		0.50	2.0
1-Methylnaphthalene	ND		0.15	0.40
Benzo[b]fluoranthene	ND		0.10	0.40
Benzo[k]fluoranthene	ND		0.10	0.30
2,2'-oxybis[1-chloropropane]	ND		0.50	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	88	20 - 110
Phenol-d5	57	10 - 115
Nitrobenzene-d5	85	40 - 110
2-Fluorobiphenyl	81	50 - 110
2,4,6-Tribromophenol	77	40 - 125
Terphenyl-d14	71	50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Control Sample - Batch: 580-82214

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 580-82214/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/14/2011 1248
Date Prepared: 03/14/2011 1054

Analysis Batch: 580-82194
Prep Batch: 580-82214
Units: ug/L

Instrument ID: TAC050
Lab File ID: FT004085.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	9.86	6.14	62	0 - 115	
Bis(2-chloroethyl)ether	10.0	6.66	67	35 - 110	
2-Chlorophenol	10.0	8.40	84	35 - 105	
1,3-Dichlorobenzene	9.99	7.69	77	30 - 100	
1,4-Dichlorobenzene	10.0	7.53	75	30 - 100	
Benzyl alcohol	10.0	7.10	71	30 - 110	
1,2-Dichlorobenzene	9.99	8.02	80	35 - 100	
2-Methylphenol	10.0	9.80	98	40 - 110	
3 & 4 Methylphenol	10.1	8.60	85	30 - 110	
N-Nitrosodi-n-propylamine	9.95	9.59	96	35 - 130	
Hexachloroethane	10.0	8.06	81	30 - 95	
Nitrobenzene	10.0	11.1	111	45 - 110	*
Isophorone	10.0	10.9	109	50 - 110	
2-Nitrophenol	10.2	8.92	88	40 - 115	
2,4-Dimethylphenol	9.82	9.20	94	30 - 110	
Benzoic acid	50.1	30.1	60	0 - 125	
Bis(2-chloroethoxy)methane	10.0	9.01	90	45 - 105	
2,4-Dichlorophenol	9.83	8.44	86	50 - 105	
1,2,4-Trichlorobenzene	10.1	7.87	78	35 - 105	
Naphthalene	9.87	8.16	83	40 - 100	
4-Chloroaniline	10.1	3.43	34	15 - 110	
Hexachlorobutadiene	10.1	8.24	82	25 - 105	
4-Chloro-3-methylphenol	10.1	9.20	91	45 - 110	
2-Methylnaphthalene	10.1	8.60	85	45 - 105	
Hexachlorocyclopentadiene	9.99	6.29	63	45 - 125	J
2,4,6-Trichlorophenol	10.0	8.40	84	50 - 115	
2,4,5-Trichlorophenol	10.0	9.61	96	50 - 110	
2-Chloronaphthalene	10.0	8.37	84	50 - 105	
2-Nitroaniline	10.1	9.95	99	50 - 115	
Dimethyl phthalate	10.1	8.58	85	25 - 125	
Acenaphthylene	9.90	8.94	90	50 - 105	
2,6-Dinitrotoluene	10.0	10.8	108	50 - 115	
3-Nitroaniline	10.0	9.24	92	35 - 120	
Acenaphthene	9.88	8.35	84	45 - 110	
2,4-Dinitrophenol	49.9	32.3	65	15 - 140	
4-Nitrophenol	49.7	35.5	71	0 - 125	
Dibenzofuran	10.0	8.46	84	55 - 105	
2,4-Dinitrotoluene	10.0	11.2	112	50 - 120	
Diethyl phthalate	10.0	8.50	85	40 - 120	
4-Chlorophenyl phenyl ether	10.0	8.38	84	50 - 110	
Fluorene	9.96	8.21	82	50 - 110	
4-Nitroaniline	10.0	8.39	84	35 - 120	
4,6-Dinitro-2-methylphenol	50.3	35.5	71	40 - 130	
N-Nitrosodiphenylamine	9.98	8.49	85	50 - 110	

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Control Sample - Batch: 580-82214

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 580-82214/2-A	Analysis Batch:	580-82194	Instrument ID:	TAC050
Client Matrix:	Water	Prep Batch:	580-82214	Lab File ID:	FT004085.D
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/14/2011 1248			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Bromophenyl phenyl ether	10.0	8.55	85	50 - 115	
Hexachlorobenzene	10.0	8.18	82	50 - 110	
Pentachlorophenol	9.84	7.36	75	40 - 115	
Phenanthrene	9.97	8.33	84	50 - 115	
Anthracene	9.94	8.43	85	55 - 110	
Di-n-butyl phthalate	10.0	9.04	90	55 - 115	
Fluoranthene	9.96	8.59	86	55 - 115	
Pyrene	10.0	8.17	81	50 - 130	
Butyl benzyl phthalate	10.0	9.11	91	45 - 115	
3,3'-Dichlorobenzidine	20.0	17.1	86	20 - 110	
Benzo[a]anthracene	9.91	7.37	74	55 - 110	
Chrysene	9.91	8.89	90	55 - 110	
Bis(2-ethylhexyl) phthalate	10.1	9.06	90	40 - 125	J
Di-n-octyl phthalate	10.0	9.55	95	35 - 135	
Benzo[a]pyrene	9.90	7.65	77	55 - 110	
Indeno[1,2,3-cd]pyrene	9.97	7.28	73	45 - 125	
Dibenz(a,h)anthracene	9.99	7.36	74	40 - 125	
Benzo[g,h,i]perylene	9.92	7.09	71	40 - 125	
Carbazole	10.0	8.56	86	50 - 115	
1-Methylnaphthalene	9.94	8.20	82	50 - 150	
Benzo[b]fluoranthene	9.89	8.66	87	45 - 120	
Benzo[k]fluoranthene	9.88	7.69	78	45 - 125	
2,2'-oxybis[1-chloropropane]	9.99	10.3	103	46 - 131	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	79	20 - 110
Phenol-d5	55	10 - 115
Nitrobenzene-d5	82	40 - 110
2-Fluorobiphenyl	77	50 - 110
2,4,6-Tribromophenol	79	40 - 125
Terphenyl-d14	70	50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82214

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	580-24953-6	Analysis Batch:	580-82272	Instrument ID:	TAC050
Client Matrix:	Water	Prep Batch:	580-82214	Lab File ID:	FT004109.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 0922			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24953-6	Analysis Batch:	580-82272	Instrument ID:	TAC050
Client Matrix:	Water	Prep Batch:	580-82214	Lab File ID:	FT004110.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Date Analyzed:	03/15/2011 0941			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	38	40	0 - 115	8	30		
Bis(2-chloroethyl)ether	88	94	35 - 110	8	30		
2-Chlorophenol	75	91	35 - 105	20	30		
1,3-Dichlorobenzene	77	90	30 - 100	17	30		
1,4-Dichlorobenzene	89	94	30 - 100	7	30		
Benzyl alcohol	61	71	30 - 110	15	30		
1,2-Dichlorobenzene	86	93	35 - 100	9	30		
2-Methylphenol	88	92	40 - 110	5	30		
3 & 4 Methylphenol	77	82	30 - 110	7	30		
N-Nitrosodi-n-propylamine	93	106	35 - 130	15	30		
Hexachloroethane	89	99	30 - 95	12	30		F
Nitrobenzene	115	121	45 - 110	6	30	F	F
Isophorone	116	121	50 - 110	5	30	F	F
2-Nitrophenol	101	99	40 - 115	1	30		
2,4-Dimethylphenol	94	97	30 - 110	4	30		
Benzoic acid	49	47	0 - 125	2	30		
Bis(2-chloroethoxy)methane	89	94	45 - 105	7	30		
2,4-Dichlorophenol	87	89	50 - 105	3	30		
1,2,4-Trichlorobenzene	80	86	35 - 105	7	30		
Naphthalene	88	89	40 - 100	3	30		
4-Chloroaniline	83	81	15 - 110	1	30		
Hexachlorobutadiene	86	92	25 - 105	7	30		
4-Chloro-3-methylphenol	94	97	45 - 110	4	30		
2-Methylnaphthalene	85	89	45 - 105	6	30		
Hexachlorocyclopentadiene	65	76	45 - 125	16	30	J	J
2,4,6-Trichlorophenol	86	95	50 - 115	11	30		
2,4,5-Trichlorophenol	96	109	50 - 110	13	30		
2-Chloronaphthalene	87	97	50 - 105	12	30		
2-Nitroaniline	111	119	50 - 115	9	30		F
Dimethyl phthalate	91	98	25 - 125	8	30		
Acenaphthylene	93	103	50 - 105	11	30		
2,6-Dinitrotoluene	113	121	50 - 115	7	30		F

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82214

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	580-24953-6	Analysis Batch:	580-82272	Instrument ID:	TAC050
Client Matrix:	Water	Prep Batch:	580-82214	Lab File ID:	FT004109.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 0922			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24953-6	Analysis Batch:	580-82272	Instrument ID:	TAC050
Client Matrix:	Water	Prep Batch:	580-82214	Lab File ID:	FT004110.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Date Analyzed:	03/15/2011 0941			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
3-Nitroaniline	93	104	35 - 120	11	30		
Acenaphthene	86	96	45 - 110	11	30		
2,4-Dinitrophenol	87	104	15 - 140	19	30		
4-Nitrophenol	43	51	0 - 125	18	30		
Dibenzofuran	89	94	55 - 105	7	30		
2,4-Dinitrotoluene	120	139	50 - 120	15	30		F
Diethyl phthalate	88	93	40 - 120	7	30		
4-Chlorophenyl phenyl ether	86	94	50 - 110	10	30		
Fluorene	87	96	50 - 110	11	30		
4-Nitroaniline	101	118	35 - 120	16	30		
4,6-Dinitro-2-methylphenol	84	89	40 - 130	7	30		
N-Nitrosodiphenylamine	88	89	50 - 110	2	30		
4-Bromophenyl phenyl ether	81	91	50 - 115	12	30		
Hexachlorobenzene	81	80	50 - 110	0	30		
Pentachlorophenol	69	73	40 - 115	6	30		
Phenanthrene	85	88	50 - 115	5	30		
Anthracene	91	91	55 - 110	2	30		
Di-n-butyl phthalate	84	85	55 - 115	2	30		
Fluoranthene	93	96	55 - 115	4	30		
Pyrene	89	92	50 - 130	4	30		
Butyl benzyl phthalate	81	83	45 - 115	4	30		
3,3'-Dichlorobenzidine	87	96	20 - 110	11	30		
Benzo[a]anthracene	78	82	55 - 110	6	30		
Chrysene	83	87	55 - 110	5	30		
Bis(2-ethylhexyl) phthalate	83	88	40 - 125	7	30	J	J
Di-n-octyl phthalate	82	84	35 - 135	4	30		
Benzo[a]pyrene	82	86	55 - 110	5	30		
Indeno[1,2,3-cd]pyrene	76	81	45 - 125	7	30		
Dibenz(a,h)anthracene	79	86	40 - 125	10	30		
Benzo[g,h,i]perylene	73	79	40 - 125	8	30		
Carbazole	99	97	50 - 115	0	30		
1-Methylnaphthalene	85	88	50 - 150	5	30		

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82214

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	580-24953-6	Analysis Batch:	580-82272	Instrument ID:	TAC050
Client Matrix:	Water	Prep Batch:	580-82214	Lab File ID:	FT004109.D
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	03/15/2011 0922			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

MSD Lab Sample ID:	580-24953-6	Analysis Batch:	580-82272	Instrument ID:	TAC050
Client Matrix:	Water	Prep Batch:	580-82214	Lab File ID:	FT004110.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Date Analyzed:	03/15/2011 0941			Final Weight/Volume:	10 mL
Date Prepared:	03/14/2011 1054			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[b]fluoranthene	86	92	45 - 120	7	30		
Benzo[k]fluoranthene	81	85	45 - 125	6	30		
2,2'-oxybis[1-chloropropane]	103	107	46 - 131	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	54	61	20 - 110
Phenol-d5	36	36	10 - 115
Nitrobenzene-d5	92	96	40 - 110
2-Fluorobiphenyl	79	87	50 - 110
2,4,6-Tribromophenol	80	86	40 - 125
Terphenyl-d14	70	73	50 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82214

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	580-24953-6	Units: ug/L	MSD Lab Sample ID:	580-24953-6	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/15/2011 0922		Date Analyzed:	03/15/2011 0941	
Date Prepared:	03/14/2011 1054		Date Prepared:	03/14/2011 1054	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	ND	9.30	9.39	3.50		3.80	
Bis(2-chloroethyl)ether	ND	9.44	9.53	8.32		8.98	
2-Chlorophenol	ND	9.45	9.54	7.09		8.65	
1,3-Dichlorobenzene	ND	9.42	9.51	7.26		8.58	
1,4-Dichlorobenzene	ND	9.45	9.54	8.40		8.97	
Benzyl alcohol	ND	9.43	9.52	5.80		6.75	
1,2-Dichlorobenzene	ND	9.43	9.52	8.09		8.87	
2-Methylphenol	ND	9.45	9.54	8.35		8.82	
3 & 4 Methylphenol	ND	9.53	9.62	7.37		7.93	
N-Nitrosodi-n-propylamine	ND	9.39	9.48	8.69		10.1	
Hexachloroethane	ND	9.43	9.52	8.35		9.43	F
Nitrobenzene	ND	9.44	9.53	10.9	F	11.5	F
Isophorone	ND	9.44	9.53	11.0	F	11.6	F
2-Nitrophenol	ND	9.60	9.70	9.71		9.60	
2,4-Dimethylphenol	ND	9.27	9.36	8.71		9.04	
Benzoic acid	ND	47.2	47.7	22.9		22.4	
Bis(2-chloroethoxy)methane	ND	9.45	9.54	8.38		8.97	
2,4-Dichlorophenol	ND	9.27	9.36	8.09		8.34	
1,2,4-Trichlorobenzene	ND	9.51	9.60	7.62		8.21	
Naphthalene	ND	9.31	9.40	8.15		8.40	
4-Chloroaniline	ND	9.53	9.62	7.86		7.78	
Hexachlorobutadiene	ND	9.52	9.61	8.21		8.85	
4-Chloro-3-methylphenol	ND	9.51	9.60	8.95		9.31	
2-Methylnaphthalene	ND	9.56	9.65	8.11		8.57	
Hexachlorocyclopentadiene	ND	9.42	9.51	6.14	J	7.21	J
2,4,6-Trichlorophenol	ND	9.47	9.56	8.11		9.08	
2,4,5-Trichlorophenol	ND	9.48	9.57	9.14		10.4	
2-Chloronaphthalene	ND	9.43	9.52	8.16		9.19	
2-Nitroaniline	ND	9.52	9.61	10.5		11.5	F
Dimethyl phthalate	ND	9.49	9.58	8.62		9.38	
Acenaphthylene	ND	9.34	9.43	8.73		9.75	
2,6-Dinitrotoluene	ND	9.43	9.52	10.7		11.5	F
3-Nitroaniline	ND	9.45	9.54	8.83		9.89	
Acenaphthene	ND	9.32	9.41	8.05		8.99	
2,4-Dinitrophenol	ND	47.0	47.5	41.0		49.6	
4-Nitrophenol	ND	46.9	47.3	20.2		24.3	
Dibenzofuran	ND	9.47	9.56	8.39		9.01	
2,4-Dinitrotoluene	ND	9.45	9.54	11.4		13.3	F
Diethyl phthalate	ND	9.43	9.52	8.31		8.88	
4-Chlorophenyl phenyl ether	ND	9.45	9.54	8.11		8.93	
Fluorene	ND	9.40	9.48	8.17		9.09	

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82214

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	580-24953-6	Units: ug/L	MSD Lab Sample ID:	580-24953-6	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/15/2011 0922		Date Analyzed:	03/15/2011 0941	
Date Prepared:	03/14/2011 1054		Date Prepared:	03/14/2011 1054	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Nitroaniline	ND	9.43	9.52	9.57	11.3
4,6-Dinitro-2-methylphenol	ND	47.4	47.9	39.7	42.4
N-Nitrosodiphenylamine	ND	9.41	9.50	8.25	8.45
4-Bromophenyl phenyl ether	ND	9.43	9.52	7.65	8.64
Hexachlorobenzene	ND	9.45	9.54	7.63	7.61
Pentachlorophenol	ND	9.28	9.37	6.41	6.80
Phenanthrene	ND	9.40	9.49	8.00	8.39
Anthracene	ND	9.37	9.46	8.50	8.64
Di-n-butyl phthalate	0.92 J	9.45	9.54	8.86	9.03
Fluoranthene	ND	9.39	9.48	8.71	9.06
Pyrene	ND	9.46	9.55	8.39	8.75
Butyl benzyl phthalate	ND	9.46	9.55	7.63	7.94
3,3'-Dichlorobenzidine	ND	18.8	19.0	16.4	18.3
Benzo[a]anthracene	ND	9.35	9.43	7.27	7.69
Chrysene	ND	9.35	9.43	7.80	8.18
Bis(2-ethylhexyl) phthalate	ND	9.49	9.58	7.91 J	8.47 J
Di-n-octyl phthalate	ND	9.45	9.54	7.75	8.06
Benzo[a]pyrene	ND	9.34	9.43	7.70	8.10
Indeno[1,2,3-cd]pyrene	ND	9.41	9.50	7.17	7.66
Dibenz(a,h)anthracene	ND	9.42	9.51	7.40	8.14
Benzo[g,h,i]perylene	ND	9.36	9.45	6.85	7.43
Carbazole	ND	9.44	9.53	9.31	9.29
1-Methylnaphthalene	ND	9.38	9.47	7.96	8.35
Benzo[b]fluoranthene	ND	9.33	9.42	8.05	8.67
Benzo[k]fluoranthene	ND	9.32	9.41	7.55	8.02
2,2'-oxybis[1-chloropropane]	ND	9.42	9.51	9.69	10.2

Client: MWH Americas Inc

Job Number: 580-24953-1

Method Blank - Batch: 580-82215

Method: 8082
Preparation: 3510C

Lab Sample ID: MB 580-82215/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/14/2011 1351
Date Prepared: 03/14/2011 1054

Analysis Batch: 580-82198
Prep Batch: 580-82215
Units: ug/L

Instrument ID: TAC042
Lab File ID: CC155363.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	ND		0.045	0.50
PCB-1221	ND		0.062	0.50
PCB-1232	ND		0.041	0.50
PCB-1242	ND		0.041	0.50
PCB-1248	ND		0.071	0.50
PCB-1254	ND		0.044	0.50
PCB-1260	ND		0.039	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	81	60 - 150
DCB Decachlorobiphenyl	74	40 - 135

Lab Control Sample - Batch: 580-82215

Method: 8082
Preparation: 3510C

Lab Sample ID: LCS 580-82215/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/14/2011 1501
Date Prepared: 03/14/2011 1054

Analysis Batch: 580-82198
Prep Batch: 580-82215
Units: ug/L

Instrument ID: TAC042
Lab File ID: CC155368.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	1.00	0.889	89	25 - 145	
PCB-1260	1.00	0.940	94	30 - 145	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	81	60 - 150
DCB Decachlorobiphenyl	73	40 - 135

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82215

Method: 8082
Preparation: 3510C

MS Lab Sample ID:	580-24953-6	Analysis Batch: 580-82292	Instrument ID: TAC042
Client Matrix:	Water	Prep Batch: 580-82215	Lab File ID: CC155416.D
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	03/15/2011 1250		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1054		Injection Volume: 1 uL
			Column ID: PRIMARY

MSD Lab Sample ID:	580-24953-6	Analysis Batch: 580-82292	Instrument ID: TAC042
Client Matrix:	Water	Prep Batch: 580-82215	Lab File ID: CC155417.D
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	03/15/2011 1304		Final Weight/Volume: 10 mL
Date Prepared:	03/14/2011 1054		Injection Volume: 1 uL
			Column ID: PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	83	86	25 - 145	4	27		
PCB-1260	91	92	30 - 145	1	22		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	90	91	60 - 150
DCB Decachlorobiphenyl	64	70	40 - 135

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82215

Method: 8082
Preparation: 3510C

MS Lab Sample ID:	580-24953-6	Units: ug/L	MSD Lab Sample ID: 580-24953-6
Client Matrix:	Water		Client Matrix: Water
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/15/2011 1250		Date Analyzed: 03/15/2011 1304
Date Prepared:	03/14/2011 1054		Date Prepared: 03/14/2011 1054

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	ND	0.943	0.943	0.781	0.816
PCB-1260	ND	0.943	0.943	0.857	0.869

Client: MWH Americas Inc

Job Number: 580-24953-1

Method Blank - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 580-82227/16-A
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/15/2011 0941
Date Prepared: 03/14/2011 1217

Analysis Batch: 580-82307
Prep Batch: 580-82227
Units: mg/L

Instrument ID: SEA026
Lab File ID: 82227-ICPMS.rep
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.00024	0.0020
Barium	ND		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.00037	0.0020
Copper	ND		0.00015	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND		0.00049	0.0040
Nickel	ND		0.00022	0.0020
Selenium	ND		0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.000180	J	0.000089	0.0070
Zinc	0.00278	J	0.0020	0.0070

LCS-Certified Reference Material - Batch:

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCSSRM 580-82227/19-A
Client Matrix: Water
Dilution: 50
Date Analyzed: 03/15/2011 1019
Date Prepared: 03/14/2011 1217

Analysis Batch: 580-82307
Prep Batch: 580-82227
Units: mg/L

Instrument ID: SEA026
Lab File ID: 82227-ICPMS.rep
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	3.00	2.64	88	80 - 120	
Arsenic	4.00	3.93	98	80 - 120	
Barium	4.00	3.61	90	80 - 120	
Beryllium	0.100	0.0916	92	80 - 120	
Cadmium	0.100	0.0944	94	80 - 120	
Chromium	0.400	0.395	99	80 - 120	
Copper	0.500	0.530	106	80 - 120	
Lead	1.00	1.03	103	80 - 120	
Molybdenum	5.00	4.38	88	80 - 120	
Nickel	1.00	1.01	101	80 - 120	
Selenium	4.00	3.84	96	80 - 120	
Silver	0.600	0.566	94	80 - 120	
Tin	5.00	4.50	90	80 - 120	
Zinc	1.00	0.995	99	80 - 120	

Client: MWH Americas Inc

Job Number: 580-24953-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 580-82227/17-A	Analysis Batch:	580-82307	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-82227	Lab File ID:	82227-ICPMS.rep
Dilution:	50	Units:	mg/L	Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1010			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

LCSD Lab Sample ID:	LCSD 580-82227/18-A	Analysis Batch:	580-82307	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-82227	Lab File ID:	82227-ICPMS.rep
Dilution:	50	Units:	mg/L	Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1015			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Antimony	89	88	80 - 120	1	20		
Arsenic	98	99	80 - 120	0	20		
Barium	92	91	80 - 120	1	20		
Beryllium	90	93	80 - 120	3	20		
Cadmium	91	86	80 - 120	6	20		
Chromium	99	100	80 - 120	1	20		
Copper	104	106	80 - 120	2	20		
Lead	103	103	80 - 120	1	20		
Molybdenum	89	88	80 - 120	1	20		
Nickel	101	102	80 - 120	0	20		
Selenium	97	99	80 - 120	2	20		
Silver	92	92	80 - 120	0	20		
Tin	91	90	80 - 120	0	20		
Zinc	99	100	80 - 120	1	20		

Client: MWH Americas Inc

Job Number: 580-24953-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 580-82227/17-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 580-82227/18-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	50			Dilution:	50
Date Analyzed:	03/15/2011 1010			Date Analyzed:	03/15/2011 1015
Date Prepared:	03/14/2011 1217			Date Prepared:	03/14/2011 1217

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Antimony	3.00	3.00	2.66	2.63
Arsenic	4.00	4.00	3.93	3.95
Barium	4.00	4.00	3.66	3.64
Beryllium	0.100	0.100	0.0896	0.0926
Cadmium	0.100	0.100	0.0908	0.0858
Chromium	0.400	0.400	0.397	0.400
Copper	0.500	0.500	0.518	0.530
Lead	1.00	1.00	1.03	1.03
Molybdenum	5.00	5.00	4.46	4.41
Nickel	1.00	1.00	1.01	1.02
Selenium	4.00	4.00	3.90	3.97
Silver	0.600	0.600	0.554	0.555
Tin	5.00	5.00	4.54	4.52
Zinc	1.00	1.00	0.992	1.00

Client: MWH Americas Inc

Job Number: 580-24953-1

Post Digestion Spike - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: 580-24953-6
Client Matrix: Water
Dilution: 50
Date Analyzed: 03/15/2011 1006
Date Prepared: 03/14/2011 1217

Analysis Batch: 580-82307
Prep Batch: 580-82227
Units: mg/L

Instrument ID: SEA026
Lab File ID: 82227-ICPMS.rep
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Antimony	ND		3.00	2.99	100	75 - 125	
Arsenic	0.0015	J	4.00	4.30	107	75 - 125	
Barium	0.081		4.00	4.03	99	75 - 125	
Beryllium	ND		0.100	0.0970	97	75 - 125	
Cadmium	ND		0.100	0.0991	99	75 - 125	
Chromium	0.016		0.400	0.442	106	75 - 125	
Copper	0.0098		0.500	0.569	112	75 - 125	
Lead	0.0025		1.00	1.13	112	75 - 125	
Molybdenum	0.0029	J	5.00	4.81	96	75 - 125	
Nickel	0.0088		1.00	1.10	109	75 - 125	
Selenium	0.00070	J	4.00	4.21	105	75 - 125	
Silver	ND		0.600	0.600	100	75 - 125	
Tin	0.00044	J	5.00	4.90	98	75 - 125	
Zinc	0.019		1.00	1.11	109	75 - 125	

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	580-24953-6	Analysis Batch:	580-82307	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-82227	Lab File ID:	82227-ICPMS.rep
Dilution:	50			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 0958			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

MSD Lab Sample ID:	580-24953-6	Analysis Batch:	580-82307	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-82227	Lab File ID:	82227-ICPMS.rep
Dilution:	50			Initial Weight/Volume:	50 mL
Date Analyzed:	03/15/2011 1002			Final Weight/Volume:	50 mL
Date Prepared:	03/14/2011 1217				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	94	101	80 - 120	7	20		
Arsenic	103	108	80 - 120	5	20		
Barium	94	101	80 - 120	8	20		
Beryllium	105	97	80 - 120	8	20		
Cadmium	97	96	80 - 120	1	20		
Chromium	103	106	80 - 120	3	20		
Copper	108	112	80 - 120	4	20		
Lead	107	114	80 - 120	6	20		
Molybdenum	91	97	80 - 120	7	20		
Nickel	103	108	80 - 120	5	20		
Selenium	103	107	80 - 120	3	20		
Silver	97	100	80 - 120	4	20		
Tin	93	99	80 - 120	6	20		
Zinc	103	109	80 - 120	6	20		

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	580-24953-6	Units: mg/L	MSD Lab Sample ID: 580-24953-6
Client Matrix:	Water		Client Matrix: Water
Dilution:	50		Dilution: 50
Date Analyzed:	03/15/2011 0958		Date Analyzed: 03/15/2011 1002
Date Prepared:	03/14/2011 1217		Date Prepared: 03/14/2011 1217

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Antimony	ND		3.00	3.00	2.82	3.04
Arsenic	0.0015	J	4.00	4.00	4.12	4.33
Barium	0.081		4.00	4.00	3.82	4.13
Beryllium	ND		0.100	0.100	0.105	0.0972
Cadmium	ND		0.100	0.100	0.0966	0.0961
Chromium	0.016		0.400	0.400	0.428	0.442
Copper	0.0098		0.500	0.500	0.551	0.571
Lead	0.0025		1.00	1.00	1.07	1.14
Molybdenum	0.0029	J	5.00	5.00	4.56	4.87
Nickel	0.0088		1.00	1.00	1.04	1.09
Selenium	0.00070	J	4.00	4.00	4.14	4.28
Silver	ND		0.600	0.600	0.581	0.602
Tin	0.00044	J	5.00	5.00	4.64	4.93
Zinc	0.019		1.00	1.00	1.04	1.11

Serial Dilution - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: 580-24953-6
Client Matrix: Water
Dilution: 25
Date Analyzed: 03/15/2011 0946
Date Prepared: 03/14/2011 1217

Analysis Batch: 580-82307
Prep Batch: 580-82227
Units: mg/L

Instrument ID: SEA026
Lab File ID: 82227-ICPMS.rep
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Antimony	ND		ND	NC	10	
Arsenic	0.0015	J	ND	NC	10	
Barium	0.081		0.0796	1.4	10	
Beryllium	ND		ND	NC	10	
Cadmium	ND		ND	NC	10	
Chromium	0.016		0.0121	NC	10	
Copper	0.0098		0.0109	11	10	J V
Lead	0.0025		0.00335	NC	10	J
Molybdenum	0.0029	J	0.00420	NC	10	J
Nickel	0.0088		0.00848	NC	10	J
Selenium	0.00070	J	0.00225	NC	10	J
Silver	ND		ND	NC	10	
Tin	0.00044	J	0.000500	NC	10	J
Zinc	0.019		0.0178	NC	10	J

Duplicate - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: 580-24953-6
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/15/2011 0954
Date Prepared: 03/14/2011 1217

Analysis Batch: 580-82307
Prep Batch: 580-82227
Units: mg/L

Instrument ID: SEA026
Lab File ID: 82227-ICPMS.rep
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Antimony	ND		ND	NC	20	
Arsenic	0.0015	J	ND	NC	20	
Barium	0.081		0.0829	3	20	
Beryllium	ND		ND	NC	20	
Cadmium	ND		ND	NC	20	
Chromium	0.016		0.0166	0.6	20	
Copper	0.0098		0.0102	4	20	
Lead	0.0025		0.00250	0.6	20	
Molybdenum	0.0029	J	0.00293	2	20	J
Nickel	0.0088		0.00916	4	20	
Selenium	0.00070	J	0.00144	69	20	J
Silver	ND		ND	NC	20	
Tin	0.00044	J	0.000440	1	20	J

Client: MWH Americas Inc

Job Number: 580-24953-1

Duplicate - Batch: 580-82227

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID: 580-24953-6
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/15/2011 0954
Date Prepared: 03/14/2011 1217

Analysis Batch: 580-82307
Prep Batch: 580-82227
Units: mg/L

Instrument ID: SEA026
Lab File ID: 82227-ICPMS.rep
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Zinc	0.019	0.0198	5	20	

Method Blank - Batch: 580-82237

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 580-82237/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/15/2011 0908
Date Prepared: 03/14/2011 1406

Analysis Batch: 580-82302
Prep Batch: 580-82237
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82237-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.0000610	J	0.000041	0.00020

LCS-Certified Reference Material - Batch:

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCSSRM 580-82237/24-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/15/2011 0916
Date Prepared: 03/14/2011 1406

Analysis Batch: 580-82302
Prep Batch: 580-82237
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82237-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00200	0.00213	107	75 - 125	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82237

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID: LCS 580-82237/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/15/2011 0911
Date Prepared: 03/14/2011 1406

Analysis Batch: 580-82302
Prep Batch: 580-82237
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82237-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 580-82237/23-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/15/2011 0913
Date Prepared: 03/14/2011 1406

Analysis Batch: 580-82302
Prep Batch: 580-82237
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82237-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	106	106	80 - 120	0	20		

Client: MWH Americas Inc

Job Number: 580-24953-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82237

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID:	LCS 580-82237/22-A	Units: mg/L	LCSD Lab Sample ID: LCSD 580-82237/23-A
Client Matrix:	Water		Client Matrix: Water
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/15/2011 0911		Date Analyzed: 03/15/2011 0913
Date Prepared:	03/14/2011 1406		Date Prepared: 03/14/2011 1406

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.00200	0.00200	0.00211	0.00211

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82237

Method: 7470A
Preparation: 7470A

MS Lab Sample ID:	580-24953-5	Analysis Batch: 580-82302	Instrument ID: TAC103
Client Matrix:	Water	Prep Batch: 580-82237	Lab File ID: 82237-HG.CSV
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/15/2011 0924		Final Weight/Volume: 50 mL
Date Prepared:	03/14/2011 1406		

MSD Lab Sample ID:	580-24953-5	Analysis Batch: 580-82302	Instrument ID: TAC103
Client Matrix:	Water	Prep Batch: 580-82237	Lab File ID: 82237-HG.CSV
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/15/2011 0926		Final Weight/Volume: 50 mL
Date Prepared:	03/14/2011 1406		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	103	104	80 - 120	1	20		

Client: MWH Americas Inc

Job Number: 580-24953-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82237

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 580-24953-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/15/2011 0924
Date Prepared: 03/14/2011 1406

Units: mg/L

MSD Lab Sample ID: 580-24953-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/15/2011 0926
Date Prepared: 03/14/2011 1406

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.000067 J	0.00200	0.00200	0.00212	0.00214

Duplicate - Batch: 580-82237

Method: 7470A
Preparation: 7470A

Lab Sample ID: 580-24953-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/15/2011 0921
Date Prepared: 03/14/2011 1406

Analysis Batch: 580-82302
Prep Batch: 580-82237
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82237-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.000067 J	0.0000770	14	20	J

DATA REPORTING QUALIFIERS

Client: MWH Americas Inc Job Number: 580-24953-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
GC Semi VOA		
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	I	Indicates the presence of an interference, recovery is not calculated.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	V	Serial Dilution exceeds the control limits

Client: MWH Americas Inc

Job Number: 580-24953-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:580-82238					
LCS 580-82238/8	Lab Control Sample	T	Water	8260B	
MB 580-82238/6	Method Blank	T	Water	8260B	
580-24953-1	Irrigation Well	T	Water	8260B	
580-24953-2	YK-MW-A	T	Water	8260B	
580-24953-3	YK-MW-B	T	Water	8260B	
580-24953-4	TB01	T	Water	8260B	
580-24953-5	YK-MW-1	T	Water	8260B	
580-24953-6	YK-MW-2	T	Water	8260B	
580-24953-6MS	Matrix Spike	T	Water	8260B	
580-24953-6MSD	Matrix Spike Duplicate	T	Water	8260B	
580-24953-7	YK-MW-3	T	Water	8260B	
580-24953-8	YK-MW-4	T	Water	8260B	
580-24953-9	YK-MW-5	T	Water	8260B	
580-24953-10	YK-MW-6	T	Water	8260B	
580-24953-11	YK-MW-7	T	Water	8260B	
580-24953-12	YK-MW11	T	Water	8260B	
580-24953-13	YK-Equipment Blank	T	Water	8260B	

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24953-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:580-82194					
LCS 580-82214/2-A	Lab Control Sample	T	Water	8270C	580-82214
MB 580-82214/1-A	Method Blank	T	Water	8270C	580-82214
580-24953-1	Irrigation Well	T	Water	8270C	580-82214
580-24953-2	YK-MW-A	T	Water	8270C	580-82214
580-24953-3	YK-MW-B	T	Water	8270C	580-82214
580-24953-5	YK-MW-1	T	Water	8270C	580-82214
Prep Batch: 580-82214					
LCS 580-82214/2-A	Lab Control Sample	T	Water	3510C	
MB 580-82214/1-A	Method Blank	T	Water	3510C	
580-24953-1	Irrigation Well	T	Water	3510C	
580-24953-2	YK-MW-A	T	Water	3510C	
580-24953-3	YK-MW-B	T	Water	3510C	
580-24953-5	YK-MW-1	T	Water	3510C	
580-24953-6	YK-MW-2	T	Water	3510C	
580-24953-6MS	Matrix Spike	T	Water	3510C	
580-24953-6MSD	Matrix Spike Duplicate	T	Water	3510C	
580-24953-7	YK-MW-3	T	Water	3510C	
580-24953-8	YK-MW-4	T	Water	3510C	
580-24953-9	YK-MW-5	T	Water	3510C	
580-24953-10	YK-MW-6	T	Water	3510C	
580-24953-11	YK-MW-7	T	Water	3510C	
580-24953-12	YK-MW11	T	Water	3510C	
580-24953-13	YK-Equipment Blank	T	Water	3510C	
Analysis Batch:580-82272					
580-24953-6	YK-MW-2	T	Water	8270C	580-82214
580-24953-6MS	Matrix Spike	T	Water	8270C	580-82214
580-24953-6MSD	Matrix Spike Duplicate	T	Water	8270C	580-82214
580-24953-7	YK-MW-3	T	Water	8270C	580-82214
580-24953-8	YK-MW-4	T	Water	8270C	580-82214
580-24953-9	YK-MW-5	T	Water	8270C	580-82214
580-24953-10	YK-MW-6	T	Water	8270C	580-82214
580-24953-11	YK-MW-7	T	Water	8270C	580-82214
580-24953-12	YK-MW11	T	Water	8270C	580-82214
580-24953-13	YK-Equipment Blank	T	Water	8270C	580-82214

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24953-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:580-82198					
LCS 580-82215/2-A	Lab Control Sample	T	Water	8082	580-82215
MB 580-82215/1-A	Method Blank	T	Water	8082	580-82215
Prep Batch: 580-82215					
LCS 580-82215/2-A	Lab Control Sample	T	Water	3510C	
MB 580-82215/1-A	Method Blank	T	Water	3510C	
580-24953-1	Irrigation Well	T	Water	3510C	
580-24953-2	YK-MW-A	T	Water	3510C	
580-24953-3	YK-MW-B	T	Water	3510C	
580-24953-5	YK-MW-1	T	Water	3510C	
580-24953-6	YK-MW-2	T	Water	3510C	
580-24953-6MS	Matrix Spike	T	Water	3510C	
580-24953-6MSD	Matrix Spike Duplicate	T	Water	3510C	
580-24953-7	YK-MW-3	T	Water	3510C	
580-24953-8	YK-MW-4	T	Water	3510C	
580-24953-9	YK-MW-5	T	Water	3510C	
580-24953-10	YK-MW-6	T	Water	3510C	
580-24953-11	YK-MW-7	T	Water	3510C	
580-24953-12	YK-MW11	T	Water	3510C	
580-24953-13	YK-Equipment Blank	T	Water	3510C	
Analysis Batch:580-82292					
580-24953-1	Irrigation Well	T	Water	8082	580-82215
580-24953-2	YK-MW-A	T	Water	8082	580-82215
580-24953-3	YK-MW-B	T	Water	8082	580-82215
580-24953-5	YK-MW-1	T	Water	8082	580-82215
580-24953-6	YK-MW-2	T	Water	8082	580-82215
580-24953-6MS	Matrix Spike	T	Water	8082	580-82215
580-24953-6MSD	Matrix Spike Duplicate	T	Water	8082	580-82215
580-24953-7	YK-MW-3	T	Water	8082	580-82215
580-24953-8	YK-MW-4	T	Water	8082	580-82215
580-24953-9	YK-MW-5	T	Water	8082	580-82215
580-24953-10	YK-MW-6	T	Water	8082	580-82215
580-24953-11	YK-MW-7	T	Water	8082	580-82215
580-24953-12	YK-MW11	T	Water	8082	580-82215
580-24953-13	YK-Equipment Blank	T	Water	8082	580-82215

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-24953-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-82227					
LCS 580-82227/17-A	Lab Control Sample	R	Water	3005A	
LCSD 580-82227/18-A	Lab Control Sample Duplicate	R	Water	3005A	
LCSSRM 580-82227/19-A	LCS-Certified Reference Material	R	Water	3005A	
MB 580-82227/16-A	Method Blank	R	Water	3005A	
580-24953-1	Irrigation Well	R	Water	3005A	
580-24953-2	YK-MW-A	R	Water	3005A	
580-24953-3	YK-MW-B	R	Water	3005A	
580-24953-5	YK-MW-1	R	Water	3005A	
580-24953-6	YK-MW-2	R	Water	3005A	
580-24953-6DU	Duplicate	R	Water	3005A	
580-24953-6MS	Matrix Spike	R	Water	3005A	
580-24953-6MSD	Matrix Spike Duplicate	R	Water	3005A	
580-24953-7	YK-MW-3	R	Water	3005A	
580-24953-8	YK-MW-4	R	Water	3005A	
580-24953-9	YK-MW-5	R	Water	3005A	
580-24953-10	YK-MW-6	R	Water	3005A	
580-24953-11	YK-MW-7	R	Water	3005A	
580-24953-12	YK-MW11	R	Water	3005A	
580-24953-13	YK-Equipment Blank	R	Water	3005A	
Prep Batch: 580-82237					
LCS 580-82237/22-A	Lab Control Sample	T	Water	7470A	
LCSD 580-82237/23-A	Lab Control Sample Duplicate	T	Water	7470A	
LCSSRM 580-82237/24-A	LCS-Certified Reference Material	T	Water	7470A	
MB 580-82237/21-A	Method Blank	T	Water	7470A	
580-24953-1	Irrigation Well	T	Water	7470A	
580-24953-2	YK-MW-A	T	Water	7470A	
580-24953-3	YK-MW-B	T	Water	7470A	
580-24953-5	YK-MW-1	T	Water	7470A	
580-24953-5DU	Duplicate	T	Water	7470A	
580-24953-5MS	Matrix Spike	T	Water	7470A	
580-24953-5MSD	Matrix Spike Duplicate	T	Water	7470A	
580-24953-6	YK-MW-2	T	Water	7470A	
580-24953-7	YK-MW-3	T	Water	7470A	
580-24953-8	YK-MW-4	T	Water	7470A	
580-24953-9	YK-MW-5	T	Water	7470A	
580-24953-10	YK-MW-6	T	Water	7470A	
580-24953-11	YK-MW-7	T	Water	7470A	
580-24953-12	YK-MW11	T	Water	7470A	
580-24953-13	YK-Equipment Blank	T	Water	7470A	

Client: MWH Americas Inc

Job Number: 580-24953-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-82302					
LCS 580-82237/22-A	Lab Control Sample	T	Water	7470A	580-82237
LCSD 580-82237/23-A	Lab Control Sample Duplicate	T	Water	7470A	580-82237
LCSSRM 580-82237/24-A	LCS-Certified Reference Material	T	Water	7470A	580-82237
MB 580-82237/21-A	Method Blank	T	Water	7470A	580-82237
580-24953-1	Irrigation Well	T	Water	7470A	580-82237
580-24953-2	YK-MW-A	T	Water	7470A	580-82237
580-24953-3	YK-MW-B	T	Water	7470A	580-82237
580-24953-5	YK-MW-1	T	Water	7470A	580-82237
580-24953-5DU	Duplicate	T	Water	7470A	580-82237
580-24953-5MS	Matrix Spike	T	Water	7470A	580-82237
580-24953-5MSD	Matrix Spike Duplicate	T	Water	7470A	580-82237
580-24953-6	YK-MW-2	T	Water	7470A	580-82237
580-24953-7	YK-MW-3	T	Water	7470A	580-82237
580-24953-8	YK-MW-4	T	Water	7470A	580-82237
580-24953-9	YK-MW-5	T	Water	7470A	580-82237
580-24953-10	YK-MW-6	T	Water	7470A	580-82237
580-24953-11	YK-MW-7	T	Water	7470A	580-82237
580-24953-12	YK-MW11	T	Water	7470A	580-82237
580-24953-13	YK-Equipment Blank	T	Water	7470A	580-82237
Analysis Batch:580-82307					
LCS 580-82227/17-A	Lab Control Sample	R	Water	6020	580-82227
LCSD 580-82227/18-A	Lab Control Sample Duplicate	R	Water	6020	580-82227
LCSSRM 580-82227/19-A	LCS-Certified Reference Material	R	Water	6020	580-82227
MB 580-82227/16-A	Method Blank	R	Water	6020	580-82227
580-24953-1	Irrigation Well	R	Water	6020	580-82227
580-24953-2	YK-MW-A	R	Water	6020	580-82227
580-24953-3	YK-MW-B	R	Water	6020	580-82227
580-24953-5	YK-MW-1	R	Water	6020	580-82227
580-24953-6	YK-MW-2	R	Water	6020	580-82227
580-24953-6DU	Duplicate	R	Water	6020	580-82227
580-24953-6MS	Matrix Spike	R	Water	6020	580-82227
580-24953-6MSD	Matrix Spike Duplicate	R	Water	6020	580-82227
580-24953-7	YK-MW-3	R	Water	6020	580-82227
580-24953-8	YK-MW-4	R	Water	6020	580-82227
580-24953-9	YK-MW-5	R	Water	6020	580-82227
580-24953-10	YK-MW-6	R	Water	6020	580-82227
580-24953-11	YK-MW-7	R	Water	6020	580-82227
580-24953-12	YK-MW11	R	Water	6020	580-82227
580-24953-13	YK-Equipment Blank	R	Water	6020	580-82227

Report Basis

R = Total Recoverable

T = Total

Client: MWH Americas Inc Job Number: 580-24953-1

Laboratory Chronicle

Lab ID: 580-24953-1 **Client ID:** Irrigation Well

Sample Date/Time: 03/12/2011 13:30 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-C-1		580-82238		03/14/2011 18:02	1	TAL SEA	MAT
A:8260B	580-24953-C-1		580-82238		03/14/2011 18:02	1	TAL SEA	MAT
P:3510C	580-24953-E-1-A		580-82194	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-1-A		580-82194	580-82214	03/14/2011 17:52	1	TAL SEA	CM
P:3510C	580-24953-F-1-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-1-A		580-82292	580-82215	03/15/2011 11:39	1	TAL SEA	MAM
P:3005A	580-24953-D-1-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-1-A		580-82307	580-82227	03/15/2011 10:31	5	TAL SEA	FCW
P:7470A	580-24953-D-1-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-1-B		580-82302	580-82237	03/15/2011 09:29	1	TAL SEA	FCW

Lab ID: 580-24953-2 **Client ID:** YK-MW-A

Sample Date/Time: 03/12/2011 15:40 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-B-2		580-82238		03/14/2011 18:27	1	TAL SEA	MAT
A:8260B	580-24953-B-2		580-82238		03/14/2011 18:27	1	TAL SEA	MAT
P:3510C	580-24953-E-2-A		580-82194	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-2-A		580-82194	580-82214	03/14/2011 18:11	1	TAL SEA	CM
P:3510C	580-24953-F-2-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-2-A		580-82292	580-82215	03/15/2011 11:53	1	TAL SEA	MAM
P:3005A	580-24953-D-2-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-2-A		580-82307	580-82227	03/15/2011 10:35	5	TAL SEA	FCW
P:7470A	580-24953-D-2-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-2-B		580-82302	580-82237	03/15/2011 09:32	1	TAL SEA	FCW

Lab ID: 580-24953-3 **Client ID:** YK-MW-B

Sample Date/Time: 03/12/2011 17:00 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-B-3		580-82238		03/14/2011 18:53	1	TAL SEA	MAT
A:8260B	580-24953-B-3		580-82238		03/14/2011 18:53	1	TAL SEA	MAT
P:3510C	580-24953-E-3-A		580-82194	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-3-A		580-82194	580-82214	03/14/2011 18:30	1	TAL SEA	CM
P:3510C	580-24953-F-3-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-3-A		580-82292	580-82215	03/15/2011 12:07	1	TAL SEA	MAM
P:3005A	580-24953-D-3-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-3-A		580-82307	580-82227	03/15/2011 10:39	5	TAL SEA	FCW
P:7470A	580-24953-D-3-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-3-B		580-82302	580-82237	03/15/2011 09:39	1	TAL SEA	FCW

Client: MWH Americas Inc Job Number: 580-24953-1

Laboratory Chronicle

Lab ID: 580-24953-4 **Client ID:** TB01

Sample Date/Time: 03/12/2011 00:00 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-A-4		580-82238		03/14/2011 17:11	1	TAL SEA	MAT
A:8260B	580-24953-A-4		580-82238		03/14/2011 17:11	1	TAL SEA	MAT

Lab ID: 580-24953-5 **Client ID:** YK-MW-1

Sample Date/Time: 03/13/2011 09:00 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-A-5		580-82238		03/14/2011 19:18	1	TAL SEA	MAT
A:8260B	580-24953-A-5		580-82238		03/14/2011 19:18	1	TAL SEA	MAT
P:3510C	580-24953-E-5-A		580-82194	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-5-A		580-82194	580-82214	03/14/2011 18:49	1	TAL SEA	CM
P:3510C	580-24953-F-5-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-5-A		580-82292	580-82215	03/15/2011 12:21	1	TAL SEA	MAM
P:3005A	580-24953-D-5-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-5-A		580-82307	580-82227	03/15/2011 10:43	5	TAL SEA	FCW
P:7470A	580-24953-D-5-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-5-B		580-82302	580-82237	03/15/2011 09:19	1	TAL SEA	FCW

Lab ID: 580-24953-5 MS **Client ID:** YK-MW-1

Sample Date/Time: 03/13/2011 09:00 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	580-24953-D-5-D MS		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-5-D MS		580-82302	580-82237	03/15/2011 09:24	1	TAL SEA	FCW

Lab ID: 580-24953-5 MSD **Client ID:** YK-MW-1

Sample Date/Time: 03/13/2011 09:00 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	580-24953-D-5-E MSD		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-5-E MSD		580-82302	580-82237	03/15/2011 09:26	1	TAL SEA	FCW

Lab ID: 580-24953-5 DU **Client ID:** YK-MW-1

Sample Date/Time: 03/13/2011 09:00 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	580-24953-D-5-C DU		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-5-C DU		580-82302	580-82237	03/15/2011 09:21	1	TAL SEA	FCW

Client: MWH Americas Inc Job Number: 580-24953-1

Laboratory Chronicle

Lab ID: 580-24953-6 **Client ID:** YK-MW-2

Sample Date/Time: 03/13/2011 09:40 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-B-6		580-82238		03/14/2011 19:44	1	TAL SEA	MAT
A:8260B	580-24953-B-6		580-82238		03/14/2011 19:44	1	TAL SEA	MAT
P:3510C	580-24953-E-6-A		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-6-A		580-82272	580-82214	03/15/2011 09:03	1	TAL SEA	CM
P:3510C	580-24953-F-6-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-6-A		580-82292	580-82215	03/15/2011 12:35	1	TAL SEA	MAM
P:3005A	580-24953-D-6-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-6-A		580-82307	580-82227	03/15/2011 09:50	5	TAL SEA	FCW
P:7470A	580-24953-D-6-E		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-6-E		580-82302	580-82237	03/15/2011 09:42	1	TAL SEA	FCW

Lab ID: 580-24953-6 **Client ID:** YK-MW-2

Sample Date/Time: 03/13/2011 09:40 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-B-6 MS		580-82238		03/14/2011 20:11	1	TAL SEA	MAT
A:8260B	580-24953-B-6 MS		580-82238		03/14/2011 20:11	1	TAL SEA	MAT
P:3510C	580-24953-E-6-B MS		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-6-B MS		580-82272	580-82214	03/15/2011 09:22	1	TAL SEA	CM
P:3510C	580-24953-F-6-B MS		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-6-B MS		580-82292	580-82215	03/15/2011 12:50	1	TAL SEA	MAM
P:3005A	580-24953-D-6-C MS		580-82307	580-82227	03/14/2011 12:17	50	TAL SEA	PAB
A:6020	580-24953-D-6-C MS		580-82307	580-82227	03/15/2011 09:58	50	TAL SEA	FCW

Lab ID: 580-24953-6 **Client ID:** YK-MW-2

Sample Date/Time: 03/13/2011 09:40 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-B-6 MSD		580-82238		03/14/2011 20:37	1	TAL SEA	MAT
A:8260B	580-24953-B-6 MSD		580-82238		03/14/2011 20:37	1	TAL SEA	MAT
P:3510C	580-24953-E-6-C MSD		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-6-C MSD		580-82272	580-82214	03/15/2011 09:41	1	TAL SEA	CM
P:3510C	580-24953-F-6-C MSD		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-6-C MSD		580-82292	580-82215	03/15/2011 13:04	1	TAL SEA	MAM
P:3005A	580-24953-D-6-D MSD		580-82307	580-82227	03/14/2011 12:17	50	TAL SEA	PAB
A:6020	580-24953-D-6-D MSD		580-82307	580-82227	03/15/2011 10:02	50	TAL SEA	FCW

Client: MWH Americas Inc Job Number: 580-24953-1

Laboratory Chronicle

Lab ID: 580-24953-6 DU **Client ID: YK-MW-2**

Sample Date/Time: 03/13/2011 09:40 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-24953-D-6-B DU		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-6-B DU		580-82307	580-82227	03/15/2011 09:54	5	TAL SEA	FCW

Lab ID: 580-24953-6 SD **Client ID: YK-MW-2**

Sample Date/Time: 03/13/2011 09:40 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-24953-D-6-A SD		580-82307	580-82227	03/14/2011 12:17	25	TAL SEA	PAB
A:6020	580-24953-D-6-A SD		580-82307	580-82227	03/15/2011 09:46	25	TAL SEA	FCW
P:3005A	580-24953-D-6-A PDS		580-82307	580-82227	03/14/2011 12:17	50	TAL SEA	PAB
A:6020	580-24953-D-6-A PDS		580-82307	580-82227	03/15/2011 10:06	50	TAL SEA	FCW

Lab ID: 580-24953-7 **Client ID: YK-MW-3**

Sample Date/Time: 03/13/2011 10:15 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-C-7		580-82238		03/14/2011 21:02	1	TAL SEA	MAT
A:8260B	580-24953-C-7		580-82238		03/14/2011 21:02	1	TAL SEA	MAT
P:3510C	580-24953-E-7-A		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-7-A		580-82272	580-82214	03/15/2011 10:00	1	TAL SEA	CM
P:3510C	580-24953-F-7-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-7-A		580-82292	580-82215	03/15/2011 13:46	1	TAL SEA	MAM
P:3005A	580-24953-D-7-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-7-A		580-82307	580-82227	03/15/2011 10:48	5	TAL SEA	FCW
P:7470A	580-24953-D-7-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-7-B		580-82302	580-82237	03/15/2011 09:45	1	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-24953-1

Laboratory Chronicle

Lab ID: 580-24953-8 **Client ID:** YK-MW-4

Sample Date/Time: 03/13/2011 11:24 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-C-8		580-82238		03/14/2011 21:28	1	TAL SEA	MAT
A:8260B	580-24953-C-8		580-82238		03/14/2011 21:28	1	TAL SEA	MAT
P:3510C	580-24953-E-8-A		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-8-A		580-82272	580-82214	03/15/2011 10:19	1	TAL SEA	CM
P:3510C	580-24953-F-8-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-8-A		580-82292	580-82215	03/15/2011 14:00	1	TAL SEA	MAM
P:3005A	580-24953-D-8-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-8-A		580-82307	580-82227	03/15/2011 10:52	5	TAL SEA	FCW
P:7470A	580-24953-D-8-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-8-B		580-82302	580-82237	03/15/2011 09:47	1	TAL SEA	FCW

Lab ID: 580-24953-9 **Client ID:** YK-MW-5

Sample Date/Time: 03/13/2011 13:55 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-C-9		580-82238		03/14/2011 21:55	1	TAL SEA	MAT
A:8260B	580-24953-C-9		580-82238		03/14/2011 21:55	1	TAL SEA	MAT
P:3510C	580-24953-E-9-A		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-9-A		580-82272	580-82214	03/15/2011 10:38	1	TAL SEA	CM
P:3510C	580-24953-F-9-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-9-A		580-82292	580-82215	03/15/2011 14:14	1	TAL SEA	MAM
P:3005A	580-24953-D-9-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-9-A		580-82307	580-82227	03/15/2011 11:17	5	TAL SEA	FCW
P:7470A	580-24953-D-9-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-9-B		580-82302	580-82237	03/15/2011 09:50	1	TAL SEA	FCW

Lab ID: 580-24953-10 **Client ID:** YK-MW-6

Sample Date/Time: 03/13/2011 14:50 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-C-10		580-82238		03/14/2011 22:20	1	TAL SEA	MAT
A:8260B	580-24953-C-10		580-82238		03/14/2011 22:20	1	TAL SEA	MAT
P:3510C	580-24953-E-10-A		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-10-A		580-82272	580-82214	03/15/2011 10:57	1	TAL SEA	CM
P:3510C	580-24953-F-10-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-10-A		580-82292	580-82215	03/15/2011 14:29	1	TAL SEA	MAM
P:3005A	580-24953-D-10-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-10-A		580-82307	580-82227	03/15/2011 10:56	5	TAL SEA	FCW
P:7470A	580-24953-D-10-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-10-B		580-82302	580-82237	03/15/2011 09:55	1	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-24953-1

Laboratory Chronicle

Lab ID: 580-24953-11 **Client ID:** YK-MW-7

Sample Date/Time: 03/13/2011 12:01 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-B-11		580-82238		03/14/2011 22:47	1	TAL SEA	MAT
A:8260B	580-24953-B-11		580-82238		03/14/2011 22:47	1	TAL SEA	MAT
P:3510C	580-24953-E-11-A		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-11-A		580-82272	580-82214	03/15/2011 11:16	1	TAL SEA	CM
P:3510C	580-24953-F-11-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-11-A		580-82292	580-82215	03/15/2011 14:43	1	TAL SEA	MAM
P:3005A	580-24953-D-11-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-11-A		580-82307	580-82227	03/15/2011 11:21	5	TAL SEA	FCW
P:7470A	580-24953-D-11-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-11-B		580-82302	580-82237	03/15/2011 09:52	1	TAL SEA	FCW

Lab ID: 580-24953-12 **Client ID:** YK-MW11

Sample Date/Time: 03/13/2011 09:00 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-B-12		580-82238		03/14/2011 23:13	1	TAL SEA	MAT
A:8260B	580-24953-B-12		580-82238		03/14/2011 23:13	1	TAL SEA	MAT
P:3510C	580-24953-E-12-A		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-12-A		580-82272	580-82214	03/15/2011 11:35	1	TAL SEA	CM
P:3510C	580-24953-F-12-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-12-A		580-82292	580-82215	03/15/2011 14:57	1	TAL SEA	MAM
P:3005A	580-24953-D-12-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-12-A		580-82307	580-82227	03/15/2011 11:00	5	TAL SEA	FCW
P:7470A	580-24953-D-12-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-12-B		580-82302	580-82237	03/15/2011 09:57	1	TAL SEA	FCW

Lab ID: 580-24953-13 **Client ID:** YK-Equipment Blank

Sample Date/Time: 03/13/2011 15:00 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24953-C-13		580-82238		03/14/2011 23:38	1	TAL SEA	MAT
A:8260B	580-24953-C-13		580-82238		03/14/2011 23:38	1	TAL SEA	MAT
P:3510C	580-24953-E-13-A		580-82272	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	580-24953-E-13-A		580-82272	580-82214	03/15/2011 11:54	1	TAL SEA	CM
P:3510C	580-24953-F-13-A		580-82292	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	580-24953-F-13-A		580-82292	580-82215	03/15/2011 15:11	1	TAL SEA	MAM
P:3005A	580-24953-D-13-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	580-24953-D-13-A		580-82307	580-82227	03/15/2011 11:04	5	TAL SEA	FCW
P:7470A	580-24953-D-13-B		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	580-24953-D-13-B		580-82302	580-82237	03/15/2011 10:00	1	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-24953-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 580-82238/6		580-82238		03/14/2011 16:46	1	TAL SEA	MAT
A:8260B	MB 580-82238/6		580-82238		03/14/2011 16:46	1	TAL SEA	MAT
P:3510C	MB 580-82214/1-A		580-82194	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	MB 580-82214/1-A		580-82194	580-82214	03/14/2011 12:29	1	TAL SEA	CM
P:3510C	MB 580-82215/1-A		580-82198	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	MB 580-82215/1-A		580-82198	580-82215	03/14/2011 13:51	1	TAL SEA	MAM
P:3005A	MB 580-82227/16-A		580-82307	580-82227	03/14/2011 12:17	5	TAL SEA	PAB
A:6020	MB 580-82227/16-A		580-82307	580-82227	03/15/2011 09:41	5	TAL SEA	FCW
P:7470A	MB 580-82237/21-A		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	MB 580-82237/21-A		580-82302	580-82237	03/15/2011 09:08	1	TAL SEA	FCW

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 580-82238/8		580-82238		03/14/2011 17:36	1	TAL SEA	MAT
A:8260B	LCS 580-82238/8		580-82238		03/14/2011 17:36	1	TAL SEA	MAT
P:3510C	LCS 580-82214/2-A		580-82194	580-82214	03/14/2011 10:54	1	TAL SEA	DB
A:8270C	LCS 580-82214/2-A		580-82194	580-82214	03/14/2011 12:48	1	TAL SEA	CM
P:3510C	LCS 580-82215/2-A		580-82198	580-82215	03/14/2011 10:54	1	TAL SEA	DB
A:8082	LCS 580-82215/2-A		580-82198	580-82215	03/14/2011 15:01	1	TAL SEA	MAM
P:3005A	LCS 580-82227/17-A		580-82307	580-82227	03/14/2011 12:17	50	TAL SEA	PAB
A:6020	LCS 580-82227/17-A		580-82307	580-82227	03/15/2011 10:10	50	TAL SEA	FCW
P:7470A	LCS 580-82237/22-A		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	LCS 580-82237/22-A		580-82302	580-82237	03/15/2011 09:11	1	TAL SEA	FCW

Lab ID: LCSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	LCSD 580-82227/18-A		580-82307	580-82227	03/14/2011 12:17	50	TAL SEA	PAB
A:6020	LCSD 580-82227/18-A		580-82307	580-82227	03/15/2011 10:15	50	TAL SEA	FCW
P:7470A	LCSD 580-82237/23-A		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	LCSD 580-82237/23-A		580-82302	580-82237	03/15/2011 09:13	1	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-24953-1

Laboratory Chronicle

Lab ID: **LCSSRM** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	LCSSRM 580-82227/19-A		580-82307	580-82227	03/14/2011 12:17	50	TAL SEA	PAB
A:6020	LCSSRM 580-82227/19-A		580-82307	580-82227	03/15/2011 10:19	50	TAL SEA	FCW
P:7470A	LCSSRM 580-82237/24-A		580-82302	580-82237	03/14/2011 14:06	1	TAL SEA	PAB
A:7470A	LCSSRM 580-82237/24-A		580-82302	580-82237	03/15/2011 09:16	1	TAL SEA	FCW

Lab References:

TAL SEA = TestAmerica Seattle

Method 8260B Low Level

Volatile Organic Compounds (GC/MS) by Method 8260B Low Level

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TFT #	TOL #	EBD10 #	BFB #
Irrigation Well	580-24953-1	101	91	95	96	97
YK-MW-A	580-24953-2	103	92	95	95	96
YK-MW-B	580-24953-3	100	93	95	94	93
TB01	580-24953-4	100	103	96	94	97
YK-MW-1	580-24953-5	99	96	95	95	97
YK-MW-2	580-24953-6	100	91	94	93	96
YK-MW-3	580-24953-7	101	88	96	94	96
YK-MW-4	580-24953-8	100	91	96	96	94
YK-MW-5	580-24953-9	102	123	94	94	95
YK-MW-6	580-24953-10	102	94	96	96	96
YK-MW-7	580-24953-11	102	88	97	91	90
YK-MW11	580-24953-12	103	95	97	91	90
YK-Equipment Blank	580-24953-13	101	89	97	94	95
	MB 580-82238/6	100	88	97	93	95
	LCS 580-82238/8	102	92	96	93	90
YK-MW-2 MS	580-24953-6 MS	103	96	97	95	94
YK-MW-2 MSD	580-24953-6 MSD	101	87	95	96	93

	QC LIMITS
FB = Fluorobenzene (Surr)	70-130
TFT = Trifluorotoluene (Surr)	80-125
TOL = Toluene-d8 (Surr)	75-125
EBD10 = Ethylbenzene-d10	75-125
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: I0322374.D

Lab ID: LCS 580-82238/8 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	5.00	6.06	121	78-151	
Benzene	5.00	5.08	102	75-142	
Trichloroethene	5.00	5.18	104	79-131	
Toluene	5.00	4.93	99	80-126	
Chlorobenzene	5.00	5.35	107	71-140	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: I0322380.D

Lab ID: 580-24953-6 MS Client ID: YK-MW-2 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethene	5.00	ND	6.62	132	78-151	
Benzene	5.00	ND	5.50	110	75-142	
Trichloroethene	5.00	ND	5.61	112	79-131	
Toluene	5.00	0.50	5.70	104	80-126	
Chlorobenzene	5.00	ND	5.57	111	71-140	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: I0322381.D

Lab ID: 580-24953-6 MSD Client ID: YK-MW-2 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	5.00	6.43	129	3	30	78-151	
Benzene	5.00	5.17	103	6	30	75-142	
Trichloroethene	5.00	5.17	103	8	30	79-131	
Toluene	5.00	5.36	97	6	30	80-126	
Chlorobenzene	5.00	5.35	107	4	30	71-140	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: I0322372.D Lab Sample ID: MB 580-82238/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: SEA015 Date Analyzed: 03/14/2011 16:46

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TB01	580-24953-4	I0322373.D	03/14/2011 17:11
	LCS 580-82238/8	I0322374.D	03/14/2011 17:36
Irrigation Well	580-24953-1	I0322375.D	03/14/2011 18:02
YK-MW-A	580-24953-2	I0322376.D	03/14/2011 18:27
YK-MW-B	580-24953-3	I0322377.D	03/14/2011 18:53
YK-MW-1	580-24953-5	I0322378.D	03/14/2011 19:18
YK-MW-2	580-24953-6	I0322379.D	03/14/2011 19:44
YK-MW-2 MS	580-24953-6 MS	I0322380.D	03/14/2011 20:11
YK-MW-2 MSD	580-24953-6 MSD	I0322381.D	03/14/2011 20:37
YK-MW-3	580-24953-7	I0322382.D	03/14/2011 21:02
YK-MW-4	580-24953-8	I0322383.D	03/14/2011 21:28
YK-MW-5	580-24953-9	I0322384.D	03/14/2011 21:55
YK-MW-6	580-24953-10	I0322385.D	03/14/2011 22:20
YK-MW-7	580-24953-11	I0322386.D	03/14/2011 22:47
YK-MW11	580-24953-12	I0322387.D	03/14/2011 23:13
YK-Equipment Blank	580-24953-13	I0322388.D	03/14/2011 23:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: I0322349.D BFB Injection Date: 03/11/2011

Instrument ID: SEA015 BFB Injection Time: 15:57

Analysis Batch No.: 82150

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.0	
75	30.0 - 60.0 % of mass 95	45.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	85.1	
175	5.0 - 9.0 % of mass 174	6.3	(7.5)1
176	95.0 - 101.0 % of mass 174	82.0	(96.4)1
177	5.0 - 9.0 % of mass 176	5.5	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD001 580-82150/7	I0322354.D	03/11/2011	18:08
	ICIS 580-82150/8	I0322355.D	03/11/2011	18:33
	STD010 580-82150/9	I0322356.D	03/11/2011	18:59
	STD020 580-82150/10	I0322357.D	03/11/2011	19:24
	STD040 580-82150/11	I0322358.D	03/11/2011	19:50
	STD080 580-82150/12	I0322359.D	03/11/2011	20:15

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: I0322363.D BFB Injection Date: 03/14/2011

Instrument ID: SEA015 BFB Injection Time: 11:58

Analysis Batch No.: 82150

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.5	
75	30.0 - 60.0 % of mass 95	46.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.0	
175	5.0 - 9.0 % of mass 174	5.7	(6.8)1
176	95.0 - 101.0 % of mass 174	80.6	(95.9)1
177	5.0 - 9.0 % of mass 176	5.6	(7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 580-82150/19	I0322366.D	03/14/2011	13:47

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: I0322368.D BFB Injection Date: 03/14/2011

Instrument ID: SEA015 BFB Injection Time: 15:03

Analysis Batch No.: 82238

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.5	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	80.1	
175	5.0 - 9.0 % of mass 174	5.9	(7.3)1
176	95.0 - 101.0 % of mass 174	76.7	(95.8)1
177	5.0 - 9.0 % of mass 176	5.3	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82238/3	I0322369.D	03/14/2011	15:29
	MB 580-82238/6	I0322372.D	03/14/2011	16:46
TB01	580-24953-4	I0322373.D	03/14/2011	17:11
	LCS 580-82238/8	I0322374.D	03/14/2011	17:36
Irrigation Well	580-24953-1	I0322375.D	03/14/2011	18:02
YK-MW-A	580-24953-2	I0322376.D	03/14/2011	18:27
YK-MW-B	580-24953-3	I0322377.D	03/14/2011	18:53
YK-MW-1	580-24953-5	I0322378.D	03/14/2011	19:18
YK-MW-2	580-24953-6	I0322379.D	03/14/2011	19:44
YK-MW-2 MS	580-24953-6 MS	I0322380.D	03/14/2011	20:11
YK-MW-2 MSD	580-24953-6 MSD	I0322381.D	03/14/2011	20:37
YK-MW-3	580-24953-7	I0322382.D	03/14/2011	21:02
YK-MW-4	580-24953-8	I0322383.D	03/14/2011	21:28
YK-MW-5	580-24953-9	I0322384.D	03/14/2011	21:55
YK-MW-6	580-24953-10	I0322385.D	03/14/2011	22:20
YK-MW-7	580-24953-11	I0322386.D	03/14/2011	22:47
YK-MW11	580-24953-12	I0322387.D	03/14/2011	23:13
YK-Equipment Blank	580-24953-13	I0322388.D	03/14/2011	23:38

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: ICIS 580-82150/8 Date Analyzed: 03/11/2011 18:33

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): I0322355.D Heated Purge: (Y/N) N

Calibration ID: 7417

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1679377	2.49	2609412	2.78	1275512	4.94
UPPER LIMIT		3358754	2.99	5218824	3.28	2551024	5.44
LOWER LIMIT		839689	1.99	1304706	2.28	637756	4.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-82150/19		1762232	2.49	2750196	2.78	1348849	4.94

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVIS 580-82238/3 Date Analyzed: 03/14/2011 15:29

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): I0322369.D Heated Purge: (Y/N) N

Calibration ID: 7417

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1718634	2.49	2689888	2.78	1351996	4.94
UPPER LIMIT		3437268	2.99	5379776	3.28	2703992	5.44
LOWER LIMIT		859317	1.99	1344944	2.28	675998	4.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82238/6		1720483	2.49	2664073	2.78	1280501	4.94
580-24953-4	TB01	1573511	2.49	2457675	2.78	1188692	4.94
LCS 580-82238/8		1692341	2.48	2651370	2.77	1263136	4.94
580-24953-1	Irrigation Well	1656161	2.49	2625511	2.78	1247240	4.95
580-24953-2	YK-MW-A	1644072	2.49	2606792	2.78	1226764	4.95
580-24953-3	YK-MW-B	1640798	2.49	2601241	2.78	1241951	4.95
580-24953-5	YK-MW-1	1549871	2.49	2433257	2.77	1149008	4.95
580-24953-6	YK-MW-2	1600245	2.49	2595497	2.78	1233815	4.95
580-24953-6 MS	YK-MW-2 MS	1514245	2.48	2424850	2.77	1166204	4.94
580-24953-6 MSD	YK-MW-2 MSD	1600112	2.49	2553190	2.78	1219211	4.94
580-24953-7	YK-MW-3	1576219	2.49	2509257	2.78	1197847	4.95
580-24953-8	YK-MW-4	1599566	2.49	2491097	2.78	1189300	4.94
580-24953-9	YK-MW-5	1146331	2.49	1842213	2.78	871029	4.94
580-24953-10	YK-MW-6	1450251	2.49	2332895	2.78	1102026	4.94
580-24953-11	YK-MW-7	1557210	2.49	2456696	2.77	1180821	4.94
580-24953-12	YK-MW11	1440889	2.48	2331136	2.77	1117883	4.94
580-24953-13	YK-Equipment Blank	1544399	2.49	2427675	2.77	1159623	4.95

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: Irrigation Well | Lab Sample ID: 580-24953-1

Matrix: Water | Lab File ID: I0322375.D

Analysis Method: 8260B | Date Collected: 03/12/2011 13:30

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 18:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.7		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	0.18		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	ND		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.068	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: Irrigation Well | Lab Sample ID: 580-24953-1

Matrix: Water | Lab File ID: I0322375.D

Analysis Method: 8260B | Date Collected: 03/12/2011 13:30

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 18:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		70-130
98-08-8	Trifluorotoluene (Surr)	91		80-125
2037-26-5	Toluene-d8 (Surr)	95		75-125
25837-05-2	Ethylbenzene-d10	96		75-125
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-A | Lab Sample ID: 580-24953-2

Matrix: Water | Lab File ID: I0322376.D

Analysis Method: 8260B | Date Collected: 03/12/2011 15:40

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 18:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	ND		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	0.031	J	0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	ND		0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-A | Lab Sample ID: 580-24953-2

Matrix: Water | Lab File ID: I0322376.D

Analysis Method: 8260B | Date Collected: 03/12/2011 15:40

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 18:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		70-130
98-08-8	Trifluorotoluene (Surr)	92		80-125
2037-26-5	Toluene-d8 (Surr)	95		75-125
25837-05-2	Ethylbenzene-d10	95		75-125
460-00-4	4-Bromofluorobenzene (Surr)	96		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-B | Lab Sample ID: 580-24953-3

Matrix: Water | Lab File ID: I0322377.D

Analysis Method: 8260B | Date Collected: 03/12/2011 17:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	0.025	J	0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	0.059	J	0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	ND		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.070	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-B | Lab Sample ID: 580-24953-3

Matrix: Water | Lab File ID: I0322377.D

Analysis Method: 8260B | Date Collected: 03/12/2011 17:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 18:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	100		70-130
98-08-8	Trifluorotoluene (Surr)	93		80-125
2037-26-5	Toluene-d8 (Surr)	95		75-125
25837-05-2	Ethylbenzene-d10	94		75-125
460-00-4	4-Bromofluorobenzene (Surr)	93		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: TB01 | Lab Sample ID: 580-24953-4

Matrix: Water | Lab File ID: I0322373.D

Analysis Method: 8260B | Date Collected: 03/12/2011 00:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 17:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	ND		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	ND		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	ND		0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: TB01 | Lab Sample ID: 580-24953-4

Matrix: Water | Lab File ID: I0322373.D

Analysis Method: 8260B | Date Collected: 03/12/2011 00:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 17:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	100		70-130
98-08-8	Trifluorotoluene (Surr)	103		80-125
2037-26-5	Toluene-d8 (Surr)	96		75-125
25837-05-2	Ethylbenzene-d10	94		75-125
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-1 | Lab Sample ID: 580-24953-5

Matrix: Water | Lab File ID: I0322378.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 19:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	ND		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	0.039	J	0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	ND		0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-1 | Lab Sample ID: 580-24953-5

Matrix: Water | Lab File ID: I0322378.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 19:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	99		70-130
98-08-8	Trifluorotoluene (Surr)	96		80-125
2037-26-5	Toluene-d8 (Surr)	95		75-125
25837-05-2	Ethylbenzene-d10	95		75-125
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 | Lab Sample ID: 580-24953-6

Matrix: Water | Lab File ID: I0322379.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:40

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	0.061	J	0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	0.50		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.039	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 | Lab Sample ID: 580-24953-6

Matrix: Water | Lab File ID: I0322379.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:40

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 19:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	100		70-130
98-08-8	Trifluorotoluene (Surr)	91		80-125
2037-26-5	Toluene-d8 (Surr)	94		75-125
25837-05-2	Ethylbenzene-d10	93		75-125
460-00-4	4-Bromofluorobenzene (Surr)	96		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-3 | Lab Sample ID: 580-24953-7

Matrix: Water | Lab File ID: I0322382.D

Analysis Method: 8260B | Date Collected: 03/13/2011 10:15

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 21:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	0.15		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	0.027	J	0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	0.035	J	0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	0.047	J	0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.077	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-3 | Lab Sample ID: 580-24953-7

Matrix: Water | Lab File ID: I0322382.D

Analysis Method: 8260B | Date Collected: 03/13/2011 10:15

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 21:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		70-130
98-08-8	Trifluorotoluene (Surr)	88		80-125
2037-26-5	Toluene-d8 (Surr)	96		75-125
25837-05-2	Ethylbenzene-d10	94		75-125
460-00-4	4-Bromofluorobenzene (Surr)	96		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-4 | Lab Sample ID: 580-24953-8

Matrix: Water | Lab File ID: I0322383.D

Analysis Method: 8260B | Date Collected: 03/13/2011 11:24

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 21:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	0.094	J	0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	ND		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.069	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-4 | Lab Sample ID: 580-24953-8

Matrix: Water | Lab File ID: I0322383.D

Analysis Method: 8260B | Date Collected: 03/13/2011 11:24

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 21:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	100		70-130
98-08-8	Trifluorotoluene (Surr)	91		80-125
2037-26-5	Toluene-d8 (Surr)	96		75-125
25837-05-2	Ethylbenzene-d10	96		75-125
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-5 | Lab Sample ID: 580-24953-9

Matrix: Water | Lab File ID: I0322384.D

Analysis Method: 8260B | Date Collected: 03/13/2011 13:55

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 21:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	0.14		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	0.080	J	0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.11		0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-5 | Lab Sample ID: 580-24953-9

Matrix: Water | Lab File ID: I0322384.D

Analysis Method: 8260B | Date Collected: 03/13/2011 13:55

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 21:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		70-130
98-08-8	Trifluorotoluene (Surr)	123		80-125
2037-26-5	Toluene-d8 (Surr)	94		75-125
25837-05-2	Ethylbenzene-d10	94		75-125
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-6 | Lab Sample ID: 580-24953-10

Matrix: Water | Lab File ID: I0322385.D

Analysis Method: 8260B | Date Collected: 03/13/2011 14:50

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 22:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	0.067	J	0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	0.025	J	0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.035	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-6 | Lab Sample ID: 580-24953-10

Matrix: Water | Lab File ID: I0322385.D

Analysis Method: 8260B | Date Collected: 03/13/2011 14:50

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 22:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		70-130
98-08-8	Trifluorotoluene (Surr)	94		80-125
2037-26-5	Toluene-d8 (Surr)	96		75-125
25837-05-2	Ethylbenzene-d10	96		75-125
460-00-4	4-Bromofluorobenzene (Surr)	96		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-7 | Lab Sample ID: 580-24953-11

Matrix: Water | Lab File ID: I0322386.D

Analysis Method: 8260B | Date Collected: 03/13/2011 12:01

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 22:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	6.7		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	0.11		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	0.50		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	1.2		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.036	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	0.049	J	0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	0.031	J	0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-7 | Lab Sample ID: 580-24953-11

Matrix: Water | Lab File ID: I0322386.D

Analysis Method: 8260B | Date Collected: 03/13/2011 12:01

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 22:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	0.059	J	0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		70-130
98-08-8	Trifluorotoluene (Surr)	88		80-125
2037-26-5	Toluene-d8 (Surr)	97		75-125
25837-05-2	Ethylbenzene-d10	91		75-125
460-00-4	4-Bromofluorobenzene (Surr)	90		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW11 | Lab Sample ID: 580-24953-12

Matrix: Water | Lab File ID: I0322387.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 23:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	ND		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	0.047	J	0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.028	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW11 | Lab Sample ID: 580-24953-12

Matrix: Water | Lab File ID: I0322387.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 23:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		70-130
98-08-8	Trifluorotoluene (Surr)	95		80-125
2037-26-5	Toluene-d8 (Surr)	97		75-125
25837-05-2	Ethylbenzene-d10	91		75-125
460-00-4	4-Bromofluorobenzene (Surr)	90		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-Equipment Blank | Lab Sample ID: 580-24953-13

Matrix: Water | Lab File ID: I0322388.D

Analysis Method: 8260B | Date Collected: 03/13/2011 15:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 23:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	11		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	ND		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	0.12		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	ND		0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-Equipment Blank | Lab Sample ID: 580-24953-13

Matrix: Water | Lab File ID: I0322388.D

Analysis Method: 8260B | Date Collected: 03/13/2011 15:00

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 23:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		70-130
98-08-8	Trifluorotoluene (Surr)	89		80-125
2037-26-5	Toluene-d8 (Surr)	97		75-125
25837-05-2	Ethylbenzene-d10	94		75-125
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD001 580-82150/7	I0322354.D
Level 2	ICIS 580-82150/8	I0322355.D
Level 3	STD010 580-82150/9	I0322356.D
Level 4	STD020 580-82150/10	I0322357.D
Level 5	STD040 580-82150/11	I0322358.D
Level 6	STD080 580-82150/12	I0322359.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4170 0.3989	0.3990	+++++	0.4365	0.4765	Ave		0.4227				5.8		15.0			
Chloromethane	0.3781 0.3447	0.3936	+++++	0.4082	0.4390	Ave		0.4241			0.1000	12.0		15.0			
Vinyl chloride	0.3473 +++++	0.3353	+++++	0.3683	0.4112	Ave		0.3933				15.0		15.0			
Bromomethane	0.2626 +++++	0.2719	+++++	0.3042	0.3298	Qua	-0.008	0.2770	0.0013						1.0000		0.9900
Chloroethane	0.0918 +++++	0.0585	+++++	0.0621	0.0692	Lin	0	0.0677							0.9970		0.9900
Trichlorofluoromethane	0.4189 0.4142	0.4074	+++++	0.4571	0.5122	Ave		0.4587				14.0		15.0			
Acrolein	0.0337 0.0295	0.0312	+++++	0.0333	0.0364	Ave		0.0342				12.0		15.0			
1,1-Dichloroethene	0.2915 0.2605	0.2733	+++++	0.2823	0.2595	Lin1	0.0096	0.2639							0.9980		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3106 0.2857	0.3006	+++++	0.3091	0.2790	Ave		0.3070				10.0		15.0			
Acetone	0.0547 0.0399	0.0447	+++++	0.0483	0.0498	Lin2	0.0609	0.0444							0.9930		0.9900
Iodomethane	0.6444 0.6205	0.6672	+++++	0.7054	0.6508	Ave		0.6931				9.5		15.0			
Carbon disulfide	0.7794 0.9315	0.9261	+++++	1.0001	0.9205	Lin1	0.0182	0.9358							0.9990		0.9900
Methylene Chloride	0.3214 0.2690	0.2799	+++++	0.3053	0.2676	Lin1	0.0334	0.2732							0.9980		0.9900
2-Methyl-2-propanol	0.0173 0.0165	0.0170	+++++	0.0183	0.0183	Ave		0.0180				8.8		15.0			
Acrylonitrile	0.0788 0.0668	0.0759	+++++	0.0786	0.0689	Lin1	0.0173	0.0693							0.9960		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,2-Dichloroethene	0.3084 0.2971	0.2945	+++++	0.3063	0.2935	Lin2	0.0051	0.3052							0.9930		0.9900
Methyl tert-butyl ether	0.7674 0.7958	0.7981	+++++	0.8525	0.9658	Ave		0.8520				11.0		15.0			
n-Hexane	0.4028 0.3561	0.3776	+++++	0.3839	0.3506	Lin2	0.0104	0.3819							0.9930		0.9900
1,1-Dichloroethane	0.5772 0.5108	0.5641	+++++	0.5741	0.5345	Lin2	0.0070	0.5707			0.1000				0.9910		0.9900
Vinyl acetate	0.0429 0.0463	0.0463	+++++	0.0494	0.0568	Ave		0.0480				12.0		15.0			
Tert-butyl ethyl ether	0.3394 0.3699	0.3555	+++++	0.3833	0.4516	Ave		0.3659				12.0		15.0			
2,2-Dichloropropane	0.5427 0.4377	0.4638	+++++	0.4745	0.4410	Lin1	0.0997	0.4418							0.9990		0.9900
2-Butanone	0.0092 +++++	0.0068	+++++	0.0071	0.0096	Qua1	0.0137	0.0051	0						0.9980		0.9900
cis-1,2-Dichloroethene	0.3283 0.3285	0.3238	+++++	0.3419	0.3296	Ave		0.3416				8.7		15.0			
Chlorobromomethane	0.1816 0.2004	0.1881	+++++	0.2036	0.1912	Ave		0.2059				13.0		15.0			
Chloroform	0.5329 0.5305	0.5296	+++++	0.5484	0.5193	Ave		0.5551				9.0		15.0			
1,1,1-Trichloroethane	0.4541 0.4834	0.4530	+++++	0.5055	0.4649	Ave		0.4765				7.9		15.0			
1,1-Dichloropropene	0.4450 0.4095	0.4244	+++++	0.4336	0.4047	Lin2	0.0403	0.4158							0.9900		0.9900
Carbon tetrachloride	0.4115 0.4463	0.4116	+++++	0.4469	0.4259	Lin2	0.0088	0.4224							0.9930		0.9900
Benzene	1.1685 1.1557	1.1503	+++++	1.2236	1.1584	Ave		1.2250				7.6		15.0			
1,2-Dichloroethane	0.3786 0.3650	0.3781	+++++	0.3929	0.3623	Ave		0.3947				8.7		15.0			
Tert-amyl methyl ether	0.7446 0.8398	0.7992	+++++	0.8893	1.0160	Ave		0.8380				13.0		15.0			
Trichloroethene	0.1813 0.2032	0.1831	0.1688	0.1944	0.1929	Ave		0.1908				7.6		15.0			
1,2-Dichloropropane	0.2044 0.2023	0.2122	0.1851	0.2200	0.2085	Lin2	0.0039	0.2090							0.9930		0.9900
Dibromomethane	0.1018 0.1194	0.1067	+++++	0.1171	0.1105	Ave		0.1112				13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorobromomethane	0.2373 0.2751	0.2460	+++++	0.2779	0.2678	Lin1	-0.007	0.2725							0.9990		0.9900
2-Chloroethyl vinyl ether	0.0992 0.1004	0.1034	+++++	0.1108	0.1246	Ave		0.1045				9.7		15.0			
cis-1,3-Dichloropropene	0.2793 0.3299	0.3006	+++++	0.3329	0.3215	Ave		0.3076				7.7		15.0			
4-Methyl-2-pentanone	0.0550 0.0575	0.0565	+++++	0.0630	0.0696	Ave		0.0590				10.0		15.0			
Toluene	0.7726 0.8306	0.7722	+++++	0.8260	0.8134	Ave		0.8267				8.4		15.0			
trans-1,3-Dichloropropene	0.2317 0.2858	0.2513	+++++	0.2853	0.2662	Ave		0.2664				13.0		15.0			
1,1,2-Trichloroethane	0.1558 0.1557	0.1483	+++++	0.1607	0.1503	Ave		0.1650				11.0		15.0			
Tetrachloroethene	0.1541 0.1864	0.1528	+++++	0.1692	0.1671	Ave		0.1585				9.5		15.0			
1,3-Dichloropropane	0.2669 0.2676	0.2631	+++++	0.2787	0.2591	Ave		0.2694				7.0		15.0			
2-Hexanone	0.0508 0.0547	0.0535	+++++	0.0603	0.0663	Ave		0.0548				12.0		15.0			
Chlorodibromomethane	0.1546 0.2093	0.1721	+++++	0.1999	0.1955	Ave		0.1801				14.0		15.0			
Ethylene Dibromide	0.1550 0.1613	0.1547	+++++	0.1687	0.1585	Ave		0.1633				6.4		15.0			
Chlorobenzene	1.2297 1.1310	1.1084	+++++	1.1225	1.1126	Lin	0.0383	1.1264			0.3000				1.0000		0.9900
Ethylbenzene	1.8267 1.9044	1.8012	+++++	1.9306	1.8866	Ave		1.9292				6.7		15.0			
1,1,1,2-Tetrachloroethane	0.3654 0.4677	0.3794	+++++	0.4290	0.4259	Ave		0.4049				11.0		15.0			
m-Xylene & p-Xylene	1.3646 1.1592	1.4015	+++++	1.5082	1.4754	Ave		1.4344				9.6		15.0			
o-Xylene	1.4356 1.5784	1.4709	+++++	1.5692	1.5353	Ave		1.5209				5.4		15.0			
Styrene	1.0308 1.2532	1.0986	+++++	1.2411	1.2274	Ave		1.1364				9.1		15.0			
Bromoform	0.1594 +++++	0.1912	+++++	0.2312	0.2295	Ave		0.1923			0.1000	15.0		15.0			
Isopropylbenzene	1.5726 1.6475	1.6647	+++++	1.7916	1.7630	Ave		1.6641				5.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
BFB			+++++			None											
1,1,2,2-Tetrachloroethane	0.4011 0.4043	0.4107	+++++	0.4297	0.3931	Ave		0.4276			0.3000	7.9		15.0			
Bromobenzene	0.4471 0.5776	0.4680	+++++	0.5091	0.5302	Ave		0.5099				7.9		15.0			
trans-1,4-Dichloro-2-butene	0.0963 0.0971	0.1076	+++++	0.1139	0.1019	Ave		0.1045				6.9		15.0			
1,2,3-Trichloropropane	0.1082 0.1156	0.1045	+++++	0.1112	0.1076	Ave		0.1133				6.8		15.0			
N-Propylbenzene	2.2205 1.9755	2.2777	+++++	2.4162	2.3548	Ave		2.2577				6.0		15.0			
2-Chlorotoluene	0.4497 0.4902	0.4528	+++++	0.4784	0.4618	Ave		0.4653				6.4		15.0			
1,3,5-Trimethylbenzene	1.3620 1.5970	1.4345	+++++	1.5432	1.5286	Ave		1.4625				7.6		15.0			
4-Chlorotoluene	0.4245 0.4905	0.4589	+++++	0.4754	0.4695	Ave		0.4624				8.0		15.0			
tert-Butylbenzene	1.1310 1.4011	1.2236	+++++	1.3367	1.3874	Ave		1.2464				9.1		15.0			
1,2,4-Trimethylbenzene	1.4033 1.6073	1.4945	+++++	1.6298	1.6144	Ave		1.5033				7.4		15.0			
sec-Butylbenzene	1.6994 1.9512	1.7933	+++++	1.9375	1.9204	Ave		1.8161				6.0		15.0			
4-Isopropyltoluene	1.3652 1.7587	1.5070	+++++	1.6471	1.6407	Ave		1.5029				14.0		15.0			
1,3-Dichlorobenzene	0.9092 1.0371	0.8819	+++++	0.9765	0.9491	Ave		0.9643				5.9		15.0			
1,4-Dichlorobenzene	0.9454 1.0311	0.9477	+++++	0.9894	0.9606	Ave		1.0124				6.9		15.0			
n-Butylbenzene	0.3497 0.4066	0.3555	+++++	0.3966	0.3818	Ave		0.3580				11.0		15.0			
1,2-Dichlorobenzene	0.7936 0.9004	0.8194	+++++	0.8853	0.8516	Ave		0.8725				7.8		15.0			
Hexachloroethane	0.2501 0.3460	0.2689	+++++	0.3188	0.3196	Ave		0.2868				13.0		15.0			
1,2-Dibromo-3-Chloropropane	0.0576 0.0695	0.0620	+++++	0.0707	0.0647	Ave		0.0687				15.0		15.0			
1,3,5-Trichlorobenzene	0.6246 0.7511	0.6387	+++++	0.6993	0.6867	Ave		0.6884				8.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	0.5482 0.6697	0.5742	+++++	0.6284	0.6248	Ave		0.6130				7.0		15.0			
Hexachlorobutadiene	0.2273 0.2491	0.2277	+++++	0.2468	0.2337	Ave		0.2522				11.0		15.0			
Naphthalene	0.9476 1.2055	1.0542	+++++	1.2495	1.1561	Ave		1.1303				9.7		15.0			
1,2,3-Trichlorobenzene	0.4736 0.5674	0.4944	+++++	0.5593	0.5318	Ave		0.5358				8.6		15.0			
Fluorobenzene (Surr)	1.7535 1.7577	1.7944	+++++	1.7693	1.7823	Ave		1.7682				1.0		15.0			
Trifluorotoluene (Surr)	0.3138 0.3777	0.3042	+++++	0.3474	0.4248	Ave		0.3479				12.0		15.0			
Toluene-d8 (Surr)	1.1340 1.1406	1.1120	+++++	1.1295	1.1503	Ave		1.1262				1.2		15.0			
Ethylbenzene-d10	0.8375 0.9275	0.8299	+++++	0.8474	0.8731	Ave		0.8549				3.5		15.0			
4-Bromofluorobenzene (Surr)	0.7468 0.7073	0.7366	+++++	0.7360	0.7164	Ave		0.7371				2.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD001 580-82150/7	I0322354.D
Level 2	ICIS 580-82150/8	I0322355.D
Level 3	STD010 580-82150/9	I0322356.D
Level 4	STD020 580-82150/10	I0322357.D
Level 5	STD040 580-82150/11	I0322358.D
Level 6	STD080 580-82150/12	I0322359.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	PFB	Ave	28097 2219940	134040	+++++	553577	1322341	0.999 80.0	5.00	+++++	20.0	40.0
Chloromethane	PFB	Ave	25507 1920385	132377	+++++	518329	1219535	1.00 80.0	5.00	+++++	20.0	40.0
Vinyl chloride	PFB	Ave	23417 +++++	112730	+++++	467409	1141887	1.00 +++++	5.00	+++++	20.0	40.0
Bromomethane	PFB	Qua	17710 +++++	91406	+++++	386111	915865	1.00 +++++	5.00	+++++	20.0	40.0
Chloroethane	PFB	Lin	6186 +++++	19637	+++++	78794	191891	0.999 +++++	5.00	+++++	20.0	40.0
Trichlorofluoromethane	PFB	Ave	28239 2306253	136922	+++++	579938	1421975	1.000 80.0	5.00	+++++	20.0	40.0
Acrolein	PFB	Ave	11440 829208	52877	+++++	212711	509127	5.04 403	25.2	+++++	101	202
1,1-Dichloroethene	PFB	Lin1	19632 1449278	91781	+++++	357910	719822	0.999 79.9	5.00	+++++	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	PFB	Ave	20887 1586892	100785	+++++	391219	772794	0.998 79.8	4.99	+++++	20.0	39.9
Acetone	PFB	Lin2	18433 1109705	75186	+++++	306150	690706	5.00 400	25.0	+++++	100	200
Iodomethane	PFB	Ave	218335 17363391	1127014	+++++	4498048	9079677	5.03 402	25.1	+++++	101	201
Carbon disulfide	PFB	Lin1	52631 5194600	311752	+++++	1271034	2559798	1.00 80.1	5.01	+++++	20.0	40.1
Methylene Chloride	PFB	Lin1	21619 1494371	93844	+++++	386408	741243	0.998 79.8	4.99	+++++	20.0	39.9
2-Methyl-2-propanol	PFB	Ave	5836 459328	28538	+++++	115952	253539	5.00 400	25.0	+++++	100	200
Acrylonitrile	PFB	Lin1	26601 1861932	127614	+++++	499451	957985	5.01 400	25.0	+++++	100	200
trans-1,2-Dichloroethene	PFB	Lin2	20793 1654536	98986	+++++	388640	814945	1.00 80.0	5.00	+++++	20.0	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl tert-butyl ether	PFB	Ave	51743 4431510	268279	+++++	1081853	2681586	1.00 80.0	5.00	+++++	20.0	40.0
n-Hexane	PFB	Lin2	27226 1988116	127256	+++++	488344	975917	1.00 80.2	5.01	+++++	20.1	40.1
1,1-Dichloroethane	PFB	Lin2	38900 2842946	189525	+++++	728189	1483298	1.000 80.0	5.00	+++++	20.0	40.0
Vinyl acetate	PFB	Ave	14560 1297673	78392	+++++	315756	794221	5.03 403	25.2	+++++	101	201
Tert-butyl ethyl ether	PFB	Ave	22881 2059524	119491	+++++	486433	1254036	1.00 80.0	5.00	+++++	20.0	40.0
2,2-Dichloropropane	PFB	Lin1	36594 2437086	155900	+++++	602083	1224534	1.00 80.0	5.00	+++++	20.0	40.0
2-Butanone	PFB	Qua1	3091 +++++	11443	+++++	45046	133707	5.00 +++++	25.0	+++++	100	200
cis-1,2-Dichloroethene	PFB	Ave	22180 1832770	109054	+++++	434744	916864	1.00 80.2	5.01	+++++	20.0	40.1
Chlorobromomethane	PFB	Ave	12260 1117709	63320	+++++	258691	531768	1.00 80.1	5.01	+++++	20.0	40.1
Chloroform	PFB	Ave	35964 2957055	178182	+++++	696537	1443326	1.00 80.1	5.01	+++++	20.0	40.0
1,1,1-Trichloroethane	PFB	Ave	30600 2690586	152207	+++++	641111	1290073	1.000 80.0	5.00	+++++	20.0	40.0
1,1-Dichloropropene	PFB	Lin2	29717 2258553	141310	+++++	544952	1112899	0.991 79.2	4.95	+++++	19.8	39.6
Carbon tetrachloride	PFB	Lin2	27788 2488711	138573	+++++	567939	1184208	1.00 80.1	5.01	+++++	20.0	40.1
Benzene	PFB	Ave	78709 6428843	386276	+++++	1551181	3213301	0.999 79.9	5.00	+++++	20.0	40.0
1,2-Dichloroethane	PFB	Ave	25514 2031439	127032	+++++	498309	1005410	1.000 80.0	5.00	+++++	20.0	40.0
Tert-amyl methyl ether	PFB	Ave	50207 4676233	268648	+++++	1128486	2821093	1.00 80.0	5.00	+++++	20.0	40.0
Trichloroethene	DFB	Ave	18686 1689724	95512	175261	379724	806120	1.00 80.0	5.00	10.0	20.0	40.0
1,2-Dichloropropane	DFB	Lin2	21534 1719213	113128	196435	439107	890609	1.02 81.8	5.11	10.2	20.4	40.9
Dibromomethane	DFB	Ave	10553 999024	55997	+++++	230024	464687	1.01 80.5	5.03	+++++	20.1	40.2
Dichlorobromomethane	DFB	Lin1	24485 2289861	128446	+++++	543161	1120258	1.00 80.1	5.01	+++++	20.0	40.0
2-Chloroethyl vinyl ether	DFB	Ave	51442 4197521	271349	+++++	1088202	2619614	5.03 402	25.2	+++++	101	201

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,3-Dichloropropene	DFB	Ave	28561 2720668	155543	+++++	644838	1333106	0.992 79.4	4.96	+++++	19.8	39.7
4-Methyl-2-pentanone	DFB	Ave	28330 2390685	147464	+++++	615222	1454105	5.00 400	25.0	+++++	100	200
Toluene	DFB	Ave	79597 6901995	402648	+++++	1612219	3397775	1.000 80.0	5.00	+++++	20.0	40.0
trans-1,3-Dichloropropene	DFB	Ave	24358 2423578	133712	+++++	568251	1134684	1.02 81.6	5.10	+++++	20.4	40.8
1,1,2-Trichloroethane	DFB	Ave	16093 1297433	77517	+++++	314401	629575	1.00 80.2	5.01	+++++	20.0	40.1
Tetrachloroethene	DFB	Ave	15910 1551710	79847	+++++	330966	699306	1.00 80.1	5.01	+++++	20.0	40.1
1,3-Dichloropropane	DFB	Ave	27481 2223010	137145	+++++	543741	1081886	0.999 79.9	5.00	+++++	20.0	40.0
2-Hexanone	DFB	Ave	26178 2272974	139579	+++++	588355	1386349	5.00 400	25.0	+++++	100	200
Chlorodibromomethane	DFB	Ave	15817 1727437	89097	+++++	387544	810992	0.993 79.4	4.96	+++++	19.9	39.7
Ethylene Dibromide	DFB	Ave	16020 1345260	80972	+++++	330457	664529	1.00 80.2	5.02	+++++	20.1	40.1
Chlorobenzene	DCB	Lin	62128 4823465	282191	+++++	1102012	2342835	0.998 79.8	4.99	+++++	20.0	39.9
Ethylbenzene	DCB	Ave	92431 8134178	459252	+++++	1898173	3978655	1.000 80.0	5.00	+++++	20.0	40.0
1,1,1,2-Tetrachloroethane	DCB	Ave	18553 2004466	97087	+++++	423276	901308	1.00 80.2	5.02	+++++	20.1	40.1
m-Xylene & p-Xylene	DCB	Ave	138338 9919610	715946	+++++	2970898	6233770	2.00 160	10.0	+++++	40.1	80.1
o-Xylene	DCB	Ave	72751 6751768	375603	+++++	1545140	3242680	1.00 80.1	5.01	+++++	20.0	40.0
Styrene	DCB	Ave	52395 5376787	281385	+++++	1225695	2600027	1.00 80.3	5.02	+++++	20.1	40.2
Bromoform	DCB	Ave	8191 +++++	49499	+++++	230871	491549	1.02 +++++	5.08	+++++	20.3	40.6
Isopropylbenzene	DCB	Ave	79652 7043745	424884	+++++	1763241	3721712	1.00 80.0	5.00	+++++	20.0	40.0
BFB		None	132157 135473	134570	+++++	131085	133659	5.01 5.01	5.01	+++++	5.01	5.01
1,1,2,2-Tetrachloroethane	DCB	Ave	20356 1732225	105035	+++++	423700	831506	1.00 80.2	5.01	+++++	20.1	40.1
Bromobenzene	DCB	Ave	22795 2485722	120216	+++++	504343	1126476	1.01 80.6	5.04	+++++	20.1	40.3

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	24385 2074633	137281	+++++	560329	1075017	5.00 400	25.0	+++++	100	200
1,2,3-Trichloropropane	DCB	Ave	5537 499129	26937	+++++	110561	229395	1.01 80.8	5.05	+++++	20.2	40.4
N-Propylbenzene	DCB	Ave	112417 8441925	581059	+++++	2376782	4968408	1.00 80.0	5.00	+++++	20.0	40.0
2-Chlorotoluene	DCB	Ave	22868 2104079	116041	+++++	472669	978739	1.00 80.4	5.02	+++++	20.1	40.2
1,3,5-Trimethylbenzene	DCB	Ave	69024 6831201	366305	+++++	1519499	3228483	1.00 80.1	5.01	+++++	20.0	40.0
4-Chlorotoluene	DCB	Ave	21542 2101161	117348	+++++	468841	993089	1.00 80.2	5.01	+++++	20.1	40.1
tert-Butylbenzene	DCB	Ave	57227 5984341	311975	+++++	1314195	2925868	1.000 80.0	5.00	+++++	20.0	40.0
1,2,4-Trimethylbenzene	DCB	Ave	71434 6906284	383337	+++++	1612004	3424902	1.01 80.4	5.03	+++++	20.1	40.2
sec-Butylbenzene	DCB	Ave	86163 8350894	458152	+++++	1908793	4058063	1.00 80.1	5.01	+++++	20.0	40.1
4-Isopropyltoluene	DCB	Ave	69043 7508220	384051	+++++	1618636	3458357	0.999 79.9	5.00	+++++	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	46051 4434009	225100	+++++	961064	2003486	1.00 80.0	5.00	+++++	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	47816 4401656	241520	+++++	972282	2024768	0.999 79.9	5.00	+++++	20.0	40.0
n-Butylbenzene	DCB	Ave	17703 1737632	90680	+++++	390136	805643	1.00 80.0	5.00	+++++	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	40197 3849616	209144	+++++	871278	1797782	1.00 80.0	5.00	+++++	20.0	40.0
Hexachloroethane	DCB	Ave	12700 1483004	68795	+++++	314506	676449	1.00 80.2	5.02	+++++	20.1	40.1
1,2-Dibromo-3-Chloropropane	DCB	Ave	2923 297915	15864	+++++	69780	137008	1.00 80.2	5.02	+++++	20.1	40.1
1,3,5-Trichlorobenzene	DCB	Ave	31621 3209657	162936	+++++	687868	1448832	1.00 80.0	5.00	+++++	20.0	40.0
1,2,4-Trichlorobenzene	DCB	Ave	27557 2842026	145453	+++++	613847	1309005	0.993 79.4	4.97	+++++	19.9	39.7
Hexachlorobutadiene	DCB	Ave	11507 1064351	58098	+++++	242735	493101	1.00 80.0	5.00	+++++	20.0	40.0
Naphthalene	DCB	Ave	48047 5159483	269332	+++++	1230920	2442996	1.00 80.1	5.01	+++++	20.0	40.1
1,2,3-Trichlorobenzene	DCB	Ave	23810 2407648	125239	+++++	546301	1114139	0.993 79.4	4.97	+++++	19.9	39.7

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 82150

SDG No.:

Instrument ID: SEA015 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/11/2011 16:26 Calibration End Date: 03/11/2011 20:15 Calibration ID: 7417

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluorobenzene (Surr)	PFB	Ave	591393 611957	603388	+++++	561508	618839	5.00 5.00	5.00	+++++	5.00	5.00
Trifluorotoluene (Surr)	DFB	Ave	32328 3138924	158655	+++++	678187	1774879	1.000 80.0	5.00	+++++	20.0	40.0
Toluene-d8 (Surr)	DFB	Ave	585286 593597	580995	+++++	552268	601828	5.01 5.01	5.01	+++++	5.01	5.01
Ethylbenzene-d10	DCB	Ave	212054 247790	211757	+++++	208440	230328	5.00 5.00	5.00	+++++	5.00	5.00
4-Bromofluorobenzene (Surr)	DCB	Ave	189441 189308	188308	+++++	181396	189359	5.01 5.01	5.01	+++++	5.01	5.01

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
None = No Calib Curve
Qua = Quadratic ISTD
Qua1 = Quadratic 1/conc ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-82150/19 Calibration Date: 03/14/2011 13:47

Instrument ID: SEA015 Calib Start Date: 03/11/2011 16:26

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/11/2011 20:15

Lab File ID: I0322366.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4227	0.3800		7.05	7.84	-10.1	25.0
Chloromethane	Ave	0.4241	0.3865	0.1000	7.29	8.00	-8.8	25.0
Vinyl chloride	Ave	0.3933	0.3904		7.94	8.00	-0.7	25.0
Bromomethane	Qua		0.3040		8.47	8.00	5.8	25.0
Chloroethane	Lin		0.0623		7.38	8.02	-7.9	25.0
Trichlorofluoromethane	Ave	0.4587	0.4517		7.80	7.92	-1.5	25.0
Acrolein	Ave	0.0342	0.0278		32.5	40.0	-18.9	40.0
1,1-Dichloroethene	Lin1		0.2922		8.74	7.92	10.3	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3070	0.3389		8.78	7.96	10.4	40.0
Acetone	Lin2		0.0555		8.63	8.00	7.8	25.0
Iodomethane	Ave	0.6931	0.7308		8.30	7.88	5.4	40.0
Carbon disulfide	Lin1		1.055		9.00	8.00	12.4	25.0
Methylene Chloride	Lin1		0.3195		9.24	8.00	15.4	25.0
2-Methyl-2-propanol	Ave	0.0180	0.0163		36.2	40.0	-9.5	40.0
Acrylonitrile	Lin1		0.0615		35.8	40.6	-11.9	40.0
Methyl tert-butyl ether	Ave	0.8520	0.7806		7.33	8.00	-8.4	25.0
trans-1,2-Dichloroethene	Lin2		0.2917		7.64	8.01	-4.6	25.0
1,1-Dichloroethane	Lin2		0.5549	0.1000	7.69	7.92	-2.9	25.0
Vinyl acetate	Ave	0.0480	0.0388		6.47	8.00	-19.1	40.0
Tert-butyl ethyl ether	Ave	0.3659	0.3582		7.83	8.00	-2.1	40.0
2,2-Dichloropropane	Lin1		0.4713		8.32	8.01	3.9	25.0
2-Butanone	Qua1		0.0060		6.55	7.99	-18.0	25.0
cis-1,2-Dichloroethene	Ave	0.3416	0.3314		7.75	7.99	-3.0	25.0
Chlorobromomethane	Ave	0.2059	0.1984		7.65	7.94	-3.7	25.0
Chloroform	Ave	0.5551	0.5323		7.68	8.00	-4.1	25.0
1,1,1-Trichloroethane	Ave	0.4765	0.4635		7.78	8.00	-2.7	25.0
1,1-Dichloropropene	Lin2		0.4211		7.98	7.97	0.0	25.0
Carbon tetrachloride	Lin2		0.4159		7.87	8.01	-1.8	25.0
Benzene	Ave	1.225	1.171		7.61	7.96	-4.4	25.0
1,2-Dichloroethane	Ave	0.3947	0.3896		7.83	7.93	-1.3	25.0
Tert-amyl methyl ether	Ave	0.8380	0.8012		7.65	8.00	-4.4	40.0
Trichloroethene	Ave	0.1908	0.1880		7.89	8.00	-1.5	25.0
1,2-Dichloropropane	Lin2		0.2054		7.84	8.00	-2.0	25.0
Dibromomethane	Ave	0.1112	0.1049		7.45	7.89	-5.6	25.0
Dichlorobromomethane	Lin1		0.2429		7.07	7.90	-10.5	25.0
2-Chloroethyl vinyl ether	Ave	0.1045	0.0988		7.53	7.96	-5.4	40.0
cis-1,3-Dichloropropene	Ave	0.3076	0.2850		7.79	8.40	-7.4	25.0
4-Methyl-2-pentanone	Ave	0.0590	0.0517		6.97	7.95	-12.4	25.0
Toluene	Ave	0.8267	0.7739		7.49	8.00	-6.4	25.0
trans-1,3-Dichloropropene	Ave	0.2664	0.2565		7.31	7.60	-3.7	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-82150/19 Calibration Date: 03/14/2011 13:47

Instrument ID: SEA015 Calib Start Date: 03/11/2011 16:26

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/11/2011 20:15

Lab File ID: I0322366.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2-Trichloroethane	Ave	0.1650	0.1497		7.17	7.90	-9.3	25.0
Tetrachloroethene	Ave	0.1585	0.1547		7.82	8.01	-2.4	25.0
1,3-Dichloropropane	Ave	0.2694	0.2591		7.69	8.00	-3.8	25.0
2-Hexanone	Ave	0.0548	0.0521		7.46	7.84	-4.9	25.0
Chlorodibromomethane	Ave	0.1801	0.1699		7.48	7.93	-5.6	25.0
Ethylene Dibromide	Ave	0.1633	0.1548		7.58	8.00	-5.2	25.0
Chlorobenzene	Lin		1.082	0.3000	7.65	8.00	-4.3	25.0
Ethylbenzene	Ave	1.929	1.814		7.46	7.94	-6.0	25.0
1,1,1,2-Tetrachloroethane	Ave	0.4049	0.3947		7.69	7.89	-2.5	25.0
m-Xylene & p-Xylene	Ave	1.434	1.413		15.7	16.0	-1.5	25.0
o-Xylene	Ave	1.521	1.436		7.55	8.00	-5.6	25.0
Styrene	Ave	1.136	1.152		8.09	7.98	1.4	25.0
Bromoform	Ave	0.1923	0.1928	0.1000	7.99	7.97	0.2	25.0
Isopropylbenzene	Ave	1.664	1.482		7.12	8.00	-11.0	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4276	0.3992	0.3000	7.47	8.00	-6.6	25.0
Bromobenzene	Ave	0.5099	0.4567		7.13	7.96	-10.4	25.0
trans-1,4-Dichloro-2-butene	Ave	0.1045	0.1123		8.60	8.00	7.4	40.0
1,2,3-Trichloropropane	Ave	0.1133	0.1004		6.99	7.88	-11.4	25.0
N-Propylbenzene	Ave	2.258	2.103		7.45	8.00	-6.8	25.0
2-Chlorotoluene	Ave	0.4653	0.4404		7.49	7.92	-5.4	25.0
1,3,5-Trimethylbenzene	Ave	1.463	1.475		8.07	8.00	0.9	25.0
4-Chlorotoluene	Ave	0.4624	0.4518		7.70	7.88	-2.3	25.0
tert-Butylbenzene	Ave	1.246	1.240		7.93	7.97	-0.5	25.0
1,2,4-Trimethylbenzene	Ave	1.503	1.513		8.06	8.01	0.6	25.0
sec-Butylbenzene	Ave	1.816	1.820		8.02	8.00	0.2	25.0
4-Isopropyltoluene	Ave	1.503	1.445		7.65	7.96	-3.8	25.0
1,3-Dichlorobenzene	Ave	0.9643	0.8690		7.19	7.98	-9.9	25.0
1,4-Dichlorobenzene	Ave	1.012	0.9365		7.39	7.99	-7.5	25.0
n-Butylbenzene	Ave	0.3580	0.3688		8.16	7.92	3.0	25.0
1,2-Dichlorobenzene	Ave	0.8725	0.8330		7.50	7.86	-4.5	25.0
Hexachloroethane	Ave	0.2868	0.2672		7.45	7.99	-6.8	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0687	0.0612		7.14	8.00	-10.8	25.0
1,2,4-Trichlorobenzene	Ave	0.6130	0.5546		7.19	7.95	-9.5	25.0
Hexachlorobutadiene	Ave	0.2522	0.2262		7.17	8.00	-10.3	25.0
Naphthalene	Ave	1.130	1.050		7.44	8.00	-7.1	25.0
1,2,3-Trichlorobenzene	Ave	0.5358	0.4923		7.35	8.00	-8.1	25.0
Fluorobenzene (Surr)	Ave	1.768	1.785		5.05	5.00	0.9	25.0
Trifluorotoluene (Surr)	Ave	0.3479	0.3222		1.85	2.00	-7.4	25.0
Toluene-d8 (Surr)	Ave	1.126	1.117		4.97	5.01	-0.8	25.0
Ethylbenzene-d10	Ave	0.8549	0.8279		4.84	5.00	-3.2	25.0
4-Bromofluorobenzene (Surr)	Ave	0.7371	0.7169		4.87	5.01	-2.7	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82238/3 Calibration Date: 03/14/2011 15:29

Instrument ID: SEA015 Calib Start Date: 03/11/2011 16:26

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/11/2011 20:15

Lab File ID: I0322369.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4227	0.4165		4.92	5.00	-1.5	
Chloromethane	Ave	0.4241	0.4489	0.1000	5.30	5.00	5.9	
Vinyl chloride	Ave	0.3933	0.3533		4.49	5.00	-10.2	20.0
Bromomethane	Qua		0.3171		5.60	5.00	12.1	
Chloroethane	Lin		0.0630		4.66	5.00	-6.8	
Trichlorofluoromethane	Ave	0.4587	0.4302		4.69	5.00	-6.2	
Acrolein	Ave	0.0342	0.0329		24.3	25.2	-3.7	
1,1-Dichloroethene	Lin1		0.2816		5.29	5.00	6.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3070	0.3084		5.01	4.99	0.5	
Acetone	Lin2		0.0501		26.8	25.0	7.3	
Iodomethane	Ave	0.6931	0.7040		25.5	25.1	1.6	
Carbon disulfide	Lin1		0.9579		5.11	5.01	2.0	
Methylene Chloride	Lin1		0.3108		5.55	4.99	11.3	
2-Methyl-2-propanol	Ave	0.0180	0.0156		21.6	25.0	-13.4	
Acrylonitrile	Lin1		0.0794		28.4	25.0	13.5	
Methyl tert-butyl ether	Ave	0.8520	0.8134		4.77	5.00	-4.5	
trans-1,2-Dichloroethene	Lin2		0.3040		4.96	5.00	-0.7	
1,1-Dichloroethane	Lin2		0.5696	0.1000	4.98	5.00	-0.4	
Vinyl acetate	Ave	0.0480	0.0471		24.7	25.2	-2.0	
Tert-butyl ethyl ether	Ave	0.3659	0.3588		4.90	5.00	-1.9	
2,2-Dichloropropane	Lin1		0.4768		5.17	5.00	3.4	
2-Butanone	Qua1		0.0070		28.1	25.0	12.5	
cis-1,2-Dichloroethene	Ave	0.3416	0.3251		4.77	5.01	-4.8	
Chlorobromomethane	Ave	0.2059	0.1911		4.65	5.01	-7.2	
Chloroform	Ave	0.5551	0.5401		4.87	5.00	-2.7	20.0
1,1,1-Trichloroethane	Ave	0.4765	0.4689		4.92	5.00	-1.6	
1,1-Dichloropropene	Lin2		0.4276		5.00	4.95	0.9	
Carbon tetrachloride	Lin2		0.4154		4.90	5.01	-2.1	
Benzene	Ave	1.225	1.203		4.90	5.00	-1.8	
1,2-Dichloroethane	Ave	0.3947	0.3813		4.83	5.00	-3.4	
Tert-amyl methyl ether	Ave	0.8380	0.8071		4.82	5.00	-3.7	
Trichloroethene	Ave	0.1908	0.1803		4.73	5.00	-5.5	
1,2-Dichloropropane	Lin2		0.2147		5.23	5.11	2.3	20.0
Dibromomethane	Ave	0.1112	0.1044		4.72	5.03	-6.2	
Dichlorobromomethane	Lin1		0.2459		4.54	5.00	-9.3	
2-Chloroethyl vinyl ether	Ave	0.1045	0.1157		27.9	25.2	10.8	
cis-1,3-Dichloropropene	Ave	0.3076	0.3100		5.00	4.96	0.8	
4-Methyl-2-pentanone	Ave	0.0590	0.0601		25.5	25.0	1.9	
Toluene	Ave	0.8267	0.7912		4.78	5.00	-4.3	20.0
trans-1,3-Dichloropropene	Ave	0.2664	0.2491		4.77	5.10	-6.5	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82238/3 Calibration Date: 03/14/2011 15:29

Instrument ID: SEA015 Calib Start Date: 03/11/2011 16:26

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/11/2011 20:15

Lab File ID: I0322369.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2-Trichloroethane	Ave	0.1650	0.1516		4.60	5.01	-8.1	
Tetrachloroethene	Ave	0.1585	0.1499		4.73	5.01	-5.5	
1,3-Dichloropropane	Ave	0.2694	0.2677		4.96	5.00	-0.7	
2-Hexanone	Ave	0.0548	0.0594		27.1	25.0	8.5	
Chlorodibromomethane	Ave	0.1801	0.1718		4.73	4.96	-4.6	
Ethylene Dibromide	Ave	0.1633	0.1658		5.09	5.02	1.5	
Chlorobenzene	Lin		1.105	0.3000	4.86	4.99	-2.6	
Ethylbenzene	Ave	1.929	1.793		4.64	5.00	-7.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4049	0.3680		4.56	5.02	-9.1	
m-Xylene & p-Xylene	Ave	1.434	1.396		9.75	10.0	-2.7	
o-Xylene	Ave	1.521	1.413		4.65	5.00	-7.1	
Styrene	Ave	1.136	1.088		4.81	5.02	-4.3	
Bromoform	Ave	0.1923	0.1818	0.1000	4.80	5.08	-5.5	
Isopropylbenzene	Ave	1.664	1.597		4.80	5.00	-4.0	
1,1,2,2-Tetrachloroethane	Ave	0.4276	0.4100	0.3000	4.81	5.01	-4.1	
Bromobenzene	Ave	0.5099	0.4447		4.39	5.04	-12.8	
trans-1,4-Dichloro-2-butene	Ave	0.1045	0.1094		26.2	25.0	4.7	
1,2,3-Trichloropropane	Ave	0.1133	0.1071		4.78	5.05	-5.4	
N-Propylbenzene	Ave	2.258	2.215		4.91	5.00	-1.9	
2-Chlorotoluene	Ave	0.4653	0.4369		4.72	5.02	-6.1	
1,3,5-Trimethylbenzene	Ave	1.463	1.423		4.87	5.00	-2.7	
4-Chlorotoluene	Ave	0.4624	0.4452		4.83	5.01	-3.7	
tert-Butylbenzene	Ave	1.246	1.216		4.88	5.00	-2.4	
1,2,4-Trimethylbenzene	Ave	1.503	1.432		4.79	5.03	-4.7	
sec-Butylbenzene	Ave	1.816	1.772		4.89	5.01	-2.4	
4-Isopropyltoluene	Ave	1.503	1.438		4.78	5.00	-4.3	
1,3-Dichlorobenzene	Ave	0.9643	0.8728		4.53	5.00	-9.5	
1,4-Dichlorobenzene	Ave	1.012	0.9244		4.56	5.00	-8.7	
n-Butylbenzene	Ave	0.3580	0.3507		4.90	5.00	-2.0	
1,2-Dichlorobenzene	Ave	0.8725	0.7971		4.57	5.00	-8.6	
Hexachloroethane	Ave	0.2868	0.2568		4.49	5.02	-10.5	
1,2-Dibromo-3-Chloropropane	Ave	0.0687	0.0629		4.59	5.02	-8.4	
1,3,5-Trichlorobenzene	Ave	0.6884	0.5935		4.31	5.00	-13.8	
1,2,4-Trichlorobenzene	Ave	0.6130	0.5190		4.20	4.96	-15.3	
Hexachlorobutadiene	Ave	0.2522	0.2174		4.31	5.00	-13.8	
Naphthalene	Ave	1.130	0.9776		4.33	5.01	-13.5	
1,2,3-Trichlorobenzene	Ave	0.5358	0.4633		4.29	4.96	-13.5	
Fluorobenzene (Surr)	Ave	1.768	1.814		5.13	5.00	2.6	
Trifluorotoluene (Surr)	Ave	0.3479	0.3015		4.33	5.00	-13.3	
Toluene-d8 (Surr)	Ave	1.126	1.134		5.04	5.01	0.7	
Ethylbenzene-d10	Ave	0.8549	0.8061		4.72	5.00	-5.7	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82238/3 Calibration Date: 03/14/2011 15:29

Instrument ID: SEA015 Calib Start Date: 03/11/2011 16:26

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 03/11/2011 20:15

Lab File ID: I0322369.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Bromofluorobenzene (Surr)	Ave	0.7371	0.7349		5.00	5.01	-0.3	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82238/6

Matrix: Water | Lab File ID: I0322372.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 16:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	ND		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	ND		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	ND		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	ND		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	ND		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	ND		0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	ND		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82238/6

Matrix: Water | Lab File ID: I0322372.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 16:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	100		70-130
98-08-8	Trifluorotoluene (Surr)	88		80-125
2037-26-5	Toluene-d8 (Surr)	97		75-125
25837-05-2	Ethylbenzene-d10	93		75-125
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82238/8

Matrix: Water | Lab File ID: I0322374.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 17:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	6.06		0.10	0.030
71-43-2	Benzene	5.08		0.10	0.025
79-01-6	Trichloroethene	5.18		0.10	0.025
108-88-3	Toluene	4.93		0.10	0.025
108-90-7	Chlorobenzene	5.35		0.10	0.025

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		70-130
98-08-8	Trifluorotoluene (Surr)	92		80-125
2037-26-5	Toluene-d8 (Surr)	96		75-125
25837-05-2	Ethylbenzene-d10	93		75-125
460-00-4	4-Bromofluorobenzene (Surr)	90		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MS | Lab Sample ID: 580-24953-6 MS

Matrix: Water | Lab File ID: I0322380.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:40

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 20:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	6.62		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	ND		0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	5.50		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	5.61		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	5.70		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.0459	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	5.57		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MS | Lab Sample ID: 580-24953-6 MS

Matrix: Water | Lab File ID: I0322380.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:40

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 20:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		70-130
98-08-8	Trifluorotoluene (Surr)	96		80-125
2037-26-5	Toluene-d8 (Surr)	97		75-125
25837-05-2	Ethylbenzene-d10	95		75-125
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MSD | Lab Sample ID: 580-24953-6 MSD

Matrix: Water | Lab File ID: I0322381.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:40

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 20:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		0.40	0.10
74-87-3	Chloromethane	ND		0.10	0.035
75-01-4	Vinyl chloride	ND		0.020	0.013
74-83-9	Bromomethane	ND		0.10	0.025
75-00-3	Chloroethane	ND		0.25	0.075
75-69-4	Trichlorofluoromethane	ND		0.10	0.025
75-35-4	1,1-Dichloroethene	6.43		0.10	0.030
75-09-2	Methylene Chloride	ND		0.10	0.025
1634-04-4	Methyl tert-butyl ether	ND		0.10	0.025
156-60-5	trans-1,2-Dichloroethene	ND		0.10	0.025
75-34-3	1,1-Dichloroethane	ND		0.10	0.025
594-20-7	2,2-Dichloropropane	ND		0.10	0.025
156-59-2	cis-1,2-Dichloroethene	ND		0.10	0.025
74-97-5	Chlorobromomethane	ND		0.10	0.025
67-66-3	Chloroform	0.0595	J	0.10	0.030
71-55-6	1,1,1-Trichloroethane	ND		0.10	0.025
56-23-5	Carbon tetrachloride	ND		0.10	0.025
563-58-6	1,1-Dichloropropene	ND		0.10	0.025
71-43-2	Benzene	5.17		0.10	0.025
107-06-2	1,2-Dichloroethane	ND		0.10	0.025
79-01-6	Trichloroethene	5.17		0.10	0.025
78-87-5	1,2-Dichloropropane	ND		0.10	0.025
74-95-3	Dibromomethane	ND		0.10	0.025
75-27-4	Dichlorobromomethane	ND		0.10	0.025
10061-01-5	cis-1,3-Dichloropropene	ND		0.10	0.025
108-88-3	Toluene	5.36		0.10	0.025
10061-02-6	trans-1,3-Dichloropropene	ND		0.10	0.025
79-00-5	1,1,2-Trichloroethane	ND		0.10	0.025
127-18-4	Tetrachloroethene	0.0331	J	0.10	0.025
142-28-9	1,3-Dichloropropane	ND		0.10	0.025
124-48-1	Chlorodibromomethane	ND		0.10	0.025
106-93-4	Ethylene Dibromide	ND		0.10	0.025
108-90-7	Chlorobenzene	5.35		0.10	0.025
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.10	0.025
100-41-4	Ethylbenzene	ND		0.10	0.030

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MSD | Lab Sample ID: 580-24953-6 MSD

Matrix: Water | Lab File ID: I0322381.D

Analysis Method: 8260B | Date Collected: 03/13/2011 09:40

Sample wt/vol: 10(mL) | Date Analyzed: 03/14/2011 20:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82238 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		0.20	0.050
95-47-6	o-Xylene	ND		0.10	0.025
100-42-5	Styrene	ND		0.10	0.025
75-25-2	Bromoform	ND		0.10	0.025
98-82-8	Isopropylbenzene	ND		0.10	0.025
108-86-1	Bromobenzene	ND		0.10	0.035
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.10	0.025
96-18-4	1,2,3-Trichloropropane	ND		0.20	0.050
103-65-1	N-Propylbenzene	ND		0.10	0.025
95-49-8	2-Chlorotoluene	ND		0.10	0.030
106-43-4	4-Chlorotoluene	ND		0.20	0.050
108-67-8	1,3,5-Trimethylbenzene	ND		0.10	0.025
98-06-6	tert-Butylbenzene	ND		0.10	0.025
95-63-6	1,2,4-Trimethylbenzene	ND		0.10	0.030
135-98-8	sec-Butylbenzene	ND		0.10	0.025
99-87-6	4-Isopropyltoluene	ND		0.20	0.050
541-73-1	1,3-Dichlorobenzene	ND		0.20	0.050
106-46-7	1,4-Dichlorobenzene	ND		0.20	0.050
104-51-8	n-Butylbenzene	ND		0.10	0.030
95-50-1	1,2-Dichlorobenzene	ND		0.20	0.050
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.20	0.10
120-82-1	1,2,4-Trichlorobenzene	ND		0.20	0.075
87-68-3	Hexachlorobutadiene	ND		0.20	0.075
91-20-3	Naphthalene	ND		0.40	0.10
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		70-130
98-08-8	Trifluorotoluene (Surr)	87		80-125
2037-26-5	Toluene-d8 (Surr)	95		75-125
25837-05-2	Ethylbenzene-d10	96		75-125
460-00-4	4-Bromofluorobenzene (Surr)	93		75-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: SEA015 Start Date: 03/11/2011 15:31

Analysis Batch Number: 82150 End Date: 03/14/2011 13:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/11/2011 15:31	1		ZB-624short 0.18(mm)
BFB 580-82150/2		03/11/2011 15:57	1	I0322349.D	ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 16:26	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 16:51	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 17:17	1		ZB-624short 0.18(mm)
ZZZZZ		03/11/2011 17:42	1		ZB-624short 0.18(mm)
STD001 580-82150/7 IC		03/11/2011 18:08	1	I0322354.D	ZB-624short 0.18(mm)
ICIS 580-82150/8		03/11/2011 18:33	1	I0322355.D	ZB-624short 0.18(mm)
STD010 580-82150/9 IC		03/11/2011 18:59	1	I0322356.D	ZB-624short 0.18(mm)
STD020 580-82150/10 IC		03/11/2011 19:24	1	I0322357.D	ZB-624short 0.18(mm)
STD040 580-82150/11 IC		03/11/2011 19:50	1	I0322358.D	ZB-624short 0.18(mm)
STD080 580-82150/12 IC		03/11/2011 20:15	1	I0322359.D	ZB-624short 0.18(mm)
RINSE 580-82150/15		03/14/2011 11:33	1		ZB-624short 0.18(mm)
BFB 580-82150/16		03/14/2011 11:58	1	I0322363.D	ZB-624short 0.18(mm)
ICV 580-82150/19		03/14/2011 13:47	1	I0322366.D	ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: SEA015 Start Date: 03/14/2011 14:38

Analysis Batch Number: 82238 End Date: 03/15/2011 03:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/14/2011 14:38	1		ZB-624short 0.18(mm)
BFB 580-82238/2		03/14/2011 15:03	1	I0322368.D	ZB-624short 0.18(mm)
CCVIS 580-82238/3		03/14/2011 15:29	1	I0322369.D	ZB-624short 0.18(mm)
ZZZZZ		03/14/2011 15:54	1		ZB-624short 0.18(mm)
ZZZZZ		03/14/2011 16:20	1		ZB-624short 0.18(mm)
MB 580-82238/6		03/14/2011 16:46	1	I0322372.D	ZB-624short 0.18(mm)
580-24953-4	TB01	03/14/2011 17:11	1	I0322373.D	ZB-624short 0.18(mm)
LCS 580-82238/8		03/14/2011 17:36	1	I0322374.D	ZB-624short 0.18(mm)
580-24953-1	Irrigation Well	03/14/2011 18:02	1	I0322375.D	ZB-624short 0.18(mm)
580-24953-2	YK-MW-A	03/14/2011 18:27	1	I0322376.D	ZB-624short 0.18(mm)
580-24953-3	YK-MW-B	03/14/2011 18:53	1	I0322377.D	ZB-624short 0.18(mm)
580-24953-5	YK-MW-1	03/14/2011 19:18	1	I0322378.D	ZB-624short 0.18(mm)
580-24953-6	YK-MW-2	03/14/2011 19:44	1	I0322379.D	ZB-624short 0.18(mm)
580-24953-6 MS	YK-MW-2 MS	03/14/2011 20:11	1	I0322380.D	ZB-624short 0.18(mm)
580-24953-6 MSD	YK-MW-2 MSD	03/14/2011 20:37	1	I0322381.D	ZB-624short 0.18(mm)
580-24953-7	YK-MW-3	03/14/2011 21:02	1	I0322382.D	ZB-624short 0.18(mm)
580-24953-8	YK-MW-4	03/14/2011 21:28	1	I0322383.D	ZB-624short 0.18(mm)
580-24953-9	YK-MW-5	03/14/2011 21:55	1	I0322384.D	ZB-624short 0.18(mm)
580-24953-10	YK-MW-6	03/14/2011 22:20	1	I0322385.D	ZB-624short 0.18(mm)
580-24953-11	YK-MW-7	03/14/2011 22:47	1	I0322386.D	ZB-624short 0.18(mm)
580-24953-12	YK-MW11	03/14/2011 23:13	1	I0322387.D	ZB-624short 0.18(mm)
580-24953-13	YK-Equipment Blank	03/14/2011 23:38	1	I0322388.D	ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 00:04	1		ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 00:29	1		ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 00:56	1		ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 01:21	10		ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 01:47	100		ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 02:12	100		ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 02:38	500		ZB-624short 0.18(mm)
ZZZZZ		03/15/2011 03:03	200		ZB-624short 0.18(mm)

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
Irrigation Well	580-24953-1	62	30	92	79	80	80
YK-MW-A	580-24953-2	58	31	82	82	81	77
YK-MW-B	580-24953-3	61	32	82	80	80	71
YK-MW-1	580-24953-5	70	41	97	84	80	72
YK-MW-2	580-24953-6	64	36	89	79	79	74
YK-MW-3	580-24953-7	66	50	78	75	73	73
YK-MW-4	580-24953-8	49	28	75	72	66	60
YK-MW-5	580-24953-9	49	32	69	67	59	53
YK-MW-6	580-24953-10	50	30	77	68	64	55
YK-MW-7	580-24953-11	27	26	62	50	34 X	24 X
YK-MW11	580-24953-12	59	31	90	83	80	64
YK-Equipment Blank	580-24953-13	53	27	77	78	72	70
	MB 580-82214/1-A	88	57	85	81	77	71
	LCS 580-82214/2-A	79	55	82	77	79	70
YK-MW-2 MS	580-24953-6 MS	54	36	92	79	80	70
YK-MW-2 MSD	580-24953-6 MSD	61	36	96	87	86	73

	QC LIMITS
2FP = 2-Fluorophenol	20-110
PHL = Phenol-d5	10-115
NBZ = Nitrobenzene-d5	40-110
FBP = 2-Fluorobiphenyl	50-110
TBP = 2,4,6-Tribromophenol	40-125
TPH = Terphenyl-d14	50-135

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FT004085.D

Lab ID: LCS 580-82214/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	9.86	6.14	62	0-115	
Bis(2-chloroethyl)ether	10.0	6.66	67	35-110	
2-Chlorophenol	10.0	8.40	84	35-105	
1,3-Dichlorobenzene	9.99	7.69	77	30-100	
1,4-Dichlorobenzene	10.0	7.53	75	30-100	
Benzyl alcohol	10.0	7.10	71	30-110	
1,2-Dichlorobenzene	9.99	8.02	80	35-100	
2-Methylphenol	10.0	9.80	98	40-110	
3 & 4 Methylphenol	10.1	8.60	85	30-110	
N-Nitrosodi-n-propylamine	9.95	9.59	96	35-130	
Hexachloroethane	10.0	8.06	81	30-95	
Nitrobenzene	10.0	11.1	111	45-110	*
Isophorone	10.0	10.9	109	50-110	
2-Nitrophenol	10.2	8.92	88	40-115	
2,4-Dimethylphenol	9.82	9.20	94	30-110	
Benzoic acid	50.1	30.1	60	0-125	
Bis(2-chloroethoxy)methane	10.0	9.01	90	45-105	
2,4-Dichlorophenol	9.83	8.44	86	50-105	
1,2,4-Trichlorobenzene	10.1	7.87	78	35-105	
Naphthalene	9.87	8.16	83	40-100	
4-Chloroaniline	10.1	3.43	34	15-110	
Hexachlorobutadiene	10.1	8.24	82	25-105	
4-Chloro-3-methylphenol	10.1	9.20	91	45-110	
2-Methylnaphthalene	10.1	8.60	85	45-105	
Hexachlorocyclopentadiene	9.99	6.29 J	63	45-125	
2,4,6-Trichlorophenol	10.0	8.40	84	50-115	
2,4,5-Trichlorophenol	10.0	9.61	96	50-110	
2-Chloronaphthalene	10.0	8.37	84	50-105	
2-Nitroaniline	10.1	9.95	99	50-115	
Dimethyl phthalate	10.1	8.58	85	25-125	
Acenaphthylene	9.90	8.94	90	50-105	
2,6-Dinitrotoluene	10.0	10.8	108	50-115	
3-Nitroaniline	10.0	9.24	92	35-120	
Acenaphthene	9.88	8.35	84	45-110	
2,4-Dinitrophenol	49.9	32.3	65	15-140	
4-Nitrophenol	49.7	35.5	71	0-125	
Dibenzofuran	10.0	8.46	84	55-105	
2,4-Dinitrotoluene	10.0	11.2	112	50-120	
Diethyl phthalate	10.0	8.50	85	40-120	
4-Chlorophenyl phenyl ether	10.0	8.38	84	50-110	
Fluorene	9.96	8.21	82	50-110	
4-Nitroaniline	10.0	8.39	84	35-120	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FT004085.D

Lab ID: LCS 580-82214/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	50.3	35.5	71	40-130	
N-Nitrosodiphenylamine	9.98	8.49	85	50-110	
4-Bromophenyl phenyl ether	10.0	8.55	85	50-115	
Hexachlorobenzene	10.0	8.18	82	50-110	
Pentachlorophenol	9.84	7.36	75	40-115	
Phenanthrene	9.97	8.33	84	50-115	
Anthracene	9.94	8.43	85	55-110	
Di-n-butyl phthalate	10.0	9.04	90	55-115	
Fluoranthene	9.96	8.59	86	55-115	
Pyrene	10.0	8.17	81	50-130	
Butyl benzyl phthalate	10.0	9.11	91	45-115	
3,3'-Dichlorobenzidine	20.0	17.1	86	20-110	
Benzo[a]anthracene	9.91	7.37	74	55-110	
Chrysene	9.91	8.89	90	55-110	
Bis(2-ethylhexyl) phthalate	10.1	9.06 J	90	40-125	
Di-n-octyl phthalate	10.0	9.55	95	35-135	
Benzo[a]pyrene	9.90	7.65	77	55-110	
Indeno[1,2,3-cd]pyrene	9.97	7.28	73	45-125	
Dibenz(a,h)anthracene	9.99	7.36	74	40-125	
Benzo[g,h,i]perylene	9.92	7.09	71	40-125	
Carbazole	10.0	8.56	86	50-115	
1-Methylnaphthalene	9.94	8.20	82	50-150	
Benzo[b]fluoranthene	9.89	8.66	87	45-120	
Benzo[k]fluoranthene	9.88	7.69	78	45-125	
2,2'-oxybis[1-chloropropane]	9.99	10.3	103	46-131	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FT004109.D

Lab ID: 580-24953-6 MS Client ID: YK-MW-2 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Phenol	9.30	ND	3.50	38	0-115	
Bis(2-chloroethyl)ether	9.44	ND	8.32	88	35-110	
2-Chlorophenol	9.45	ND	7.09	75	35-105	
1,3-Dichlorobenzene	9.42	ND	7.26	77	30-100	
1,4-Dichlorobenzene	9.45	ND	8.40	89	30-100	
Benzyl alcohol	9.43	ND	5.80	61	30-110	
1,2-Dichlorobenzene	9.43	ND	8.09	86	35-100	
2-Methylphenol	9.45	ND	8.35	88	40-110	
3 & 4 Methylphenol	9.53	ND	7.37	77	30-110	
N-Nitrosodi-n-propylamine	9.39	ND	8.69	93	35-130	
Hexachloroethane	9.43	ND	8.35	89	30-95	
Nitrobenzene	9.44	ND	10.9	115	45-110	F
Isophorone	9.44	ND	11.0	116	50-110	F
2-Nitrophenol	9.60	ND	9.71	101	40-115	
2,4-Dimethylphenol	9.27	ND	8.71	94	30-110	
Benzoic acid	47.2	ND	22.9	49	0-125	
Bis(2-chloroethoxy)methane	9.45	ND	8.38	89	45-105	
2,4-Dichlorophenol	9.27	ND	8.09	87	50-105	
1,2,4-Trichlorobenzene	9.51	ND	7.62	80	35-105	
Naphthalene	9.31	ND	8.15	88	40-100	
4-Chloroaniline	9.53	ND	7.86	83	15-110	
Hexachlorobutadiene	9.52	ND	8.21	86	25-105	
4-Chloro-3-methylphenol	9.51	ND	8.95	94	45-110	
2-Methylnaphthalene	9.56	ND	8.11	85	45-105	
Hexachlorocyclopentadiene	9.42	ND	6.14 J	65	45-125	
2,4,6-Trichlorophenol	9.47	ND	8.11	86	50-115	
2,4,5-Trichlorophenol	9.48	ND	9.14	96	50-110	
2-Chloronaphthalene	9.43	ND	8.16	87	50-105	
2-Nitroaniline	9.52	ND	10.5	111	50-115	
Dimethyl phthalate	9.49	ND	8.62	91	25-125	
Acenaphthylene	9.34	ND	8.73	93	50-105	
2,6-Dinitrotoluene	9.43	ND	10.7	113	50-115	
3-Nitroaniline	9.45	ND	8.83	93	35-120	
Acenaphthene	9.32	ND	8.05	86	45-110	
2,4-Dinitrophenol	47.0	ND	41.0	87	15-140	
4-Nitrophenol	46.9	ND	20.2	43	0-125	
Dibenzofuran	9.47	ND	8.39	89	55-105	
2,4-Dinitrotoluene	9.45	ND	11.4	120	50-120	
Diethyl phthalate	9.43	ND	8.31	88	40-120	
4-Chlorophenyl phenyl ether	9.45	ND	8.11	86	50-110	
Fluorene	9.40	ND	8.17	87	50-110	
4-Nitroaniline	9.43	ND	9.57	101	35-120	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FT004109.D

Lab ID: 580-24953-6 MS Client ID: YK-MW-2 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	47.4	ND	39.7	84	40-130	
N-Nitrosodiphenylamine	9.41	ND	8.25	88	50-110	
4-Bromophenyl phenyl ether	9.43	ND	7.65	81	50-115	
Hexachlorobenzene	9.45	ND	7.63	81	50-110	
Pentachlorophenol	9.28	ND	6.41	69	40-115	
Phenanthrene	9.40	ND	8.00	85	50-115	
Anthracene	9.37	ND	8.50	91	55-110	
Di-n-butyl phthalate	9.45	0.92 J	8.86	84	55-115	
Fluoranthene	9.39	ND	8.71	93	55-115	
Pyrene	9.46	ND	8.39	89	50-130	
Butyl benzyl phthalate	9.46	ND	7.63	81	45-115	
3,3'-Dichlorobenzidine	18.8	ND	16.4	87	20-110	
Benzo[a]anthracene	9.35	ND	7.27	78	55-110	
Chrysene	9.35	ND	7.80	83	55-110	
Bis(2-ethylhexyl) phthalate	9.49	ND	7.91 J	83	40-125	
Di-n-octyl phthalate	9.45	ND	7.75	82	35-135	
Benzo[a]pyrene	9.34	ND	7.70	82	55-110	
Indeno[1,2,3-cd]pyrene	9.41	ND	7.17	76	45-125	
Dibenz(a,h)anthracene	9.42	ND	7.40	79	40-125	
Benzo[g,h,i]perylene	9.36	ND	6.85	73	40-125	
Carbazole	9.44	ND	9.31	99	50-115	
1-Methylnaphthalene	9.38	ND	7.96	85	50-150	
Benzo[b]fluoranthene	9.33	ND	8.05	86	45-120	
Benzo[k]fluoranthene	9.32	ND	7.55	81	45-125	
2,2'-oxybis[1-chloropropane]	9.42	ND	9.69	103	46-131	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FT004110.D

Lab ID: 580-24953-6 MSD Client ID: YK-MW-2 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	9.39	3.80	40	8	30	0-115	
Bis(2-chloroethyl)ether	9.53	8.98	94	8	30	35-110	
2-Chlorophenol	9.54	8.65	91	20	30	35-105	
1,3-Dichlorobenzene	9.51	8.58	90	17	30	30-100	
1,4-Dichlorobenzene	9.54	8.97	94	7	30	30-100	
Benzyl alcohol	9.52	6.75	71	15	30	30-110	
1,2-Dichlorobenzene	9.52	8.87	93	9	30	35-100	
2-Methylphenol	9.54	8.82	92	5	30	40-110	
3 & 4 Methylphenol	9.62	7.93	82	7	30	30-110	
N-Nitrosodi-n-propylamine	9.48	10.1	106	15	30	35-130	
Hexachloroethane	9.52	9.43	99	12	30	30-95	F
Nitrobenzene	9.53	11.5	121	6	30	45-110	F
Isophorone	9.53	11.6	121	5	30	50-110	F
2-Nitrophenol	9.70	9.60	99	1	30	40-115	
2,4-Dimethylphenol	9.36	9.04	97	4	30	30-110	
Benzoic acid	47.7	22.4	47	2	30	0-125	
Bis(2-chloroethoxy)methane	9.54	8.97	94	7	30	45-105	
2,4-Dichlorophenol	9.36	8.34	89	3	30	50-105	
1,2,4-Trichlorobenzene	9.60	8.21	86	7	30	35-105	
Naphthalene	9.40	8.40	89	3	30	40-100	
4-Chloroaniline	9.62	7.78	81	1	30	15-110	
Hexachlorobutadiene	9.61	8.85	92	7	30	25-105	
4-Chloro-3-methylphenol	9.60	9.31	97	4	30	45-110	
2-Methylnaphthalene	9.65	8.57	89	6	30	45-105	
Hexachlorocyclopentadiene	9.51	7.21 J	76	16	30	45-125	
2,4,6-Trichlorophenol	9.56	9.08	95	11	30	50-115	
2,4,5-Trichlorophenol	9.57	10.4	109	13	30	50-110	
2-Chloronaphthalene	9.52	9.19	97	12	30	50-105	
2-Nitroaniline	9.61	11.5	119	9	30	50-115	F
Dimethyl phthalate	9.58	9.38	98	8	30	25-125	
Acenaphthylene	9.43	9.75	103	11	30	50-105	
2,6-Dinitrotoluene	9.52	11.5	121	7	30	50-115	F
3-Nitroaniline	9.54	9.89	104	11	30	35-120	
Acenaphthene	9.41	8.99	96	11	30	45-110	
2,4-Dinitrophenol	47.5	49.6	104	19	30	15-140	
4-Nitrophenol	47.3	24.3	51	18	30	0-125	
Dibenzofuran	9.56	9.01	94	7	30	55-105	
2,4-Dinitrotoluene	9.54	13.3	139	15	30	50-120	F
Diethyl phthalate	9.52	8.88	93	7	30	40-120	
4-Chlorophenyl phenyl ether	9.54	8.93	94	10	30	50-110	
Fluorene	9.48	9.09	96	11	30	50-110	
4-Nitroaniline	9.52	11.3	118	16	30	35-120	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FT004110.D

Lab ID: 580-24953-6 MSD Client ID: YK-MW-2 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	47.9	42.4	89	7	30	40-130	
N-Nitrosodiphenylamine	9.50	8.45	89	2	30	50-110	
4-Bromophenyl phenyl ether	9.52	8.64	91	12	30	50-115	
Hexachlorobenzene	9.54	7.61	80	0	30	50-110	
Pentachlorophenol	9.37	6.80	73	6	30	40-115	
Phenanthrene	9.49	8.39	88	5	30	50-115	
Anthracene	9.46	8.64	91	2	30	55-110	
Di-n-butyl phthalate	9.54	9.03	85	2	30	55-115	
Fluoranthene	9.48	9.06	96	4	30	55-115	
Pyrene	9.55	8.75	92	4	30	50-130	
Butyl benzyl phthalate	9.55	7.94	83	4	30	45-115	
3,3'-Dichlorobenzidine	19.0	18.3	96	11	30	20-110	
Benzo[a]anthracene	9.43	7.69	82	6	30	55-110	
Chrysene	9.43	8.18	87	5	30	55-110	
Bis(2-ethylhexyl) phthalate	9.58	8.47 J	88	7	30	40-125	
Di-n-octyl phthalate	9.54	8.06	84	4	30	35-135	
Benzo[a]pyrene	9.43	8.10	86	5	30	55-110	
Indeno[1,2,3-cd]pyrene	9.50	7.66	81	7	30	45-125	
Dibenz(a,h)anthracene	9.51	8.14	86	10	30	40-125	
Benzo[g,h,i]perylene	9.45	7.43	79	8	30	40-125	
Carbazole	9.53	9.29	97	0	30	50-115	
1-Methylnaphthalene	9.47	8.35	88	5	30	50-150	
Benzo[b]fluoranthene	9.42	8.67	92	7	30	45-120	
Benzo[k]fluoranthene	9.41	8.02	85	6	30	45-125	
2,2'-oxybis[1-chloropropane]	9.51	10.2	107	5	30	46-131	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: FT004084.D Lab Sample ID: MB 580-82214/1-A

Matrix: Water Date Extracted: 03/14/2011 10:54

Instrument ID: TAC050 Date Analyzed: 03/14/2011 12:29

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-82214/2-A	FT004085.D	03/14/2011 12:48
Irrigation Well	580-24953-1	FT004101.D	03/14/2011 17:52
YK-MW-A	580-24953-2	FT004102.D	03/14/2011 18:11
YK-MW-B	580-24953-3	FT004103.D	03/14/2011 18:30
YK-MW-1	580-24953-5	FT004104.D	03/14/2011 18:49
YK-MW-2	580-24953-6	FT004108.D	03/15/2011 09:03
YK-MW-2 MS	580-24953-6 MS	FT004109.D	03/15/2011 09:22
YK-MW-2 MSD	580-24953-6 MSD	FT004110.D	03/15/2011 09:41
YK-MW-3	580-24953-7	FT004111.D	03/15/2011 10:00
YK-MW-4	580-24953-8	FT004112.D	03/15/2011 10:19
YK-MW-5	580-24953-9	FT004113.D	03/15/2011 10:38
YK-MW-6	580-24953-10	FT004114.D	03/15/2011 10:57
YK-MW-7	580-24953-11	FT004115.D	03/15/2011 11:16
YK-MW11	580-24953-12	FT004116.D	03/15/2011 11:35
YK-Equipment Blank	580-24953-13	FT004117.D	03/15/2011 11:54

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: FT003868.D DFTPP Injection Date: 02/01/2011

Instrument ID: TAC050 DFTPP Injection Time: 14:10

Analysis Batch No.: 80068

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	18.4	
68	Less than 2.0 % of mass 69	0.0	(0.1)1
69	Mass 69 relative abundance	24.4	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	38.7	
197	Less than 2.0 % of mass 198	0.2	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	7.2	
275	10.0 - 60.0 % of mass 198	33.0	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	28.0	
442	Greater than 50.0 % of mass 198	171.4	
443	15.0 - 24.0 % of mass 442	36.8	(21.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 580-80068/3	FT003870.D	02/01/2011	14:42
	IC 580-80068/4	FT003871.D	02/01/2011	15:01
	IC 580-80068/5	FT003872.D	02/01/2011	15:20
	IC 580-80068/6	FT003873.D	02/01/2011	15:39
	IC 580-80068/7	FT003874.D	02/01/2011	15:58
	ICIS 580-80068/8	FT003875.D	02/01/2011	16:17
	IC 580-80068/9	FT003876.D	02/01/2011	16:36
	IC 580-80068/10	FT003877.D	02/01/2011	16:55
	ICV 580-80068/11	FT003878.D	02/01/2011	17:14

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: FT003985.D DFTPP Injection Date: 03/04/2011

Instrument ID: TAC050 DFTPP Injection Time: 10:05

Analysis Batch No.: 81637

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	29.3	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	35.7	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	44.9	
197	Less than 2.0 % of mass 198	0.2	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	7.5	
275	10.0 - 60.0 % of mass 198	32.9	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	23.9	
442	Greater than 50.0 % of mass 198	132.1	
443	15.0 - 24.0 % of mass 442	30.8	(23.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 580-81637/3	FT003987.D	03/04/2011	10:37
	IC 580-81637/4	FT003988.D	03/04/2011	10:57
	IC 580-81637/5	FT003989.D	03/04/2011	11:17
	IC 580-81637/6	FT003990.D	03/04/2011	11:37
	ICIS 580-81637/7	FT003991.D	03/04/2011	11:57
	IC 580-81637/8	FT003992.D	03/04/2011	12:16
	IC 580-81637/9	FT003993.D	03/04/2011	12:36
	IC 580-81637/10	FT003994.D	03/04/2011	12:56
	ICV 580-81637/12	FT003996.D	03/04/2011	14:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: FT004073.D DFTPP Injection Date: 03/14/2011

Instrument ID: TAC050 DFTPP Injection Time: 08:44

Analysis Batch No.: 82194

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	27.6	
68	Less than 2.0 % of mass 69	0.1	(0.4)1
69	Mass 69 relative abundance	34.1	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	10.0 - 80.0 % of mass 198	43.7	
197	Less than 2.0 % of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	7.0	
275	10.0 - 60.0 % of mass 198	32.4	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	24.9	
442	Greater than 50.0 % of mass 198	147.0	
443	15.0 - 24.0 % of mass 442	32.3	(21.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82194/2	FT004074.D	03/14/2011	08:56
	MB 580-82214/1-A	FT004084.D	03/14/2011	12:29
	LCS 580-82214/2-A	FT004085.D	03/14/2011	12:48
Irrigation Well	580-24953-1	FT004101.D	03/14/2011	17:52
YK-MW-A	580-24953-2	FT004102.D	03/14/2011	18:11
YK-MW-B	580-24953-3	FT004103.D	03/14/2011	18:30
YK-MW-1	580-24953-5	FT004104.D	03/14/2011	18:49

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab File ID: FT004105.D DFTPP Injection Date: 03/15/2011

Instrument ID: TAC050 DFTPP Injection Time: 07:53

Analysis Batch No.: 82272

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	24.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	31.4	
70	Less than 2.0 % of mass 69	0.1	(0.5)1
127	10.0 - 80.0 % of mass 198	42.0	
197	Less than 2.0 % of mass 198	0.4	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	7.1	
275	10.0 - 60.0 % of mass 198	33.6	
365	Greater than 1.0 % of mass 198	4.4	
441	Present but less than mass 443	28.2	
442	Greater than 50.0 % of mass 198	161.4	
443	15.0 - 24.0 % of mass 442	35.5	(22.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82272/2	FT004106.D	03/15/2011	08:07
YK-MW-2	580-24953-6	FT004108.D	03/15/2011	09:03
YK-MW-2 MS	580-24953-6 MS	FT004109.D	03/15/2011	09:22
YK-MW-2 MSD	580-24953-6 MSD	FT004110.D	03/15/2011	09:41
YK-MW-3	580-24953-7	FT004111.D	03/15/2011	10:00
YK-MW-4	580-24953-8	FT004112.D	03/15/2011	10:19
YK-MW-5	580-24953-9	FT004113.D	03/15/2011	10:38
YK-MW-6	580-24953-10	FT004114.D	03/15/2011	10:57
YK-MW-7	580-24953-11	FT004115.D	03/15/2011	11:16
YK-MW11	580-24953-12	FT004116.D	03/15/2011	11:35
YK-Equipment Blank	580-24953-13	FT004117.D	03/15/2011	11:54

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: ICIS 580-80068/8 Date Analyzed: 02/01/2011 16:17

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT003875.D Heated Purge: (Y/N) N

Calibration ID: 7279

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		337648	3.66	1251089	4.65	764937	6.07
UPPER LIMIT		675296	4.16	2502178	5.15	1529874	6.57
LOWER LIMIT		168824	3.16	625545	4.15	382469	5.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-80068/11		396937	3.66	1434918	4.65	937211	6.07
580-24953-6	YK-MW-2	218017	3.64	952507	4.63	624190	6.05

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: ICIS 580-80068/8 Date Analyzed: 02/01/2011 16:17

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT003875.D Heated Purge: (Y/N) N

Calibration ID: 7279

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1171958	7.29	935752	9.48	846671	10.92
UPPER LIMIT		2343916	7.79	1871504	9.98	1693342	11.42
LOWER LIMIT		585979	6.79	467876	8.98	423336	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-80068/11		1437099	7.29	1424769	9.48	1318151	10.92
580-24953-6	YK-MW-2	995842	7.27	926199	9.46	835585	10.90

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: ICIS 580-81637/7 Date Analyzed: 03/04/2011 11:57

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT003991.D Heated Purge: (Y/N) N

Calibration ID: 7396

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		63666	3.67	106383	4.66	65522	6.08
UPPER LIMIT		127332	4.17	212766	5.16	131044	6.58
LOWER LIMIT		31833	3.17	53192	4.16	32761	5.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-81637/12		87131	3.68	105132	4.66	67135	6.08

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: ICIS 580-81637/7 Date Analyzed: 03/04/2011 11:57

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT003991.D Heated Purge: (Y/N) N

Calibration ID: 7396

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		98314	7.29	72674	9.48	48472	10.93
UPPER LIMIT		196628	7.79	145348	9.98	96944	11.43
LOWER LIMIT		49157	6.79	36337	8.98	24236	10.43
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-81637/12		102442	7.30	96311	9.48	65668	10.94

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVIS 580-82194/2 Date Analyzed: 03/14/2011 08:56

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT004074.D Heated Purge: (Y/N) N

Calibration ID: 7279

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		324116	3.64	1278140	4.63	779512	6.05
UPPER LIMIT		648232	4.14	2556280	5.13	1559024	6.55
LOWER LIMIT		162058	3.14	639070	4.13	389756	5.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82214/1-A		281453	3.64	1075568	4.63	665696	6.05
LCS 580-82214/2-A		308265	3.64	1152250	4.63	722264	6.05
580-24953-1	Irrigation Well	234354	3.64	978890	4.63	635580	6.05
580-24953-2	YK-MW-A	273625	3.64	1042768	4.63	667845	6.05
580-24953-3	YK-MW-B	259802	3.64	1027746	4.63	630457	6.05
580-24953-5	YK-MW-1	201402	3.64	903477	4.63	592787	6.05

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVIS 580-82194/2 Date Analyzed: 03/14/2011 08:56

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT004074.D Heated Purge: (Y/N) N

Calibration ID: 7279

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1255391	7.27	1239428	9.46	1093252	10.89
UPPER LIMIT		2510782	7.77	2478856	9.96	2186504	11.39
LOWER LIMIT		627696	6.77	619714	8.96	546626	10.39
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82214/1-A		1027869	7.27	786294	9.46	686964	10.89
LCS 580-82214/2-A		1138287	7.27	1018639	9.46	859460	10.89
580-24953-1	Irrigation Well	1016479	7.27	991249	9.46	892915	10.89
580-24953-2	YK-MW-A	1048248	7.27	909893	9.46	762849	10.89
580-24953-3	YK-MW-B	1036697	7.27	1024564	9.46	900467	10.89
580-24953-5	YK-MW-1	991815	7.27	957412	9.46	831877	10.89

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVIS 580-82272/2 Date Analyzed: 03/15/2011 08:07

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT004106.D Heated Purge: (Y/N) N

Calibration ID: 7279

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		319129	3.64	1182493	4.63	738047	6.05
UPPER LIMIT		638258	4.14	2364986	5.13	1476094	6.55
LOWER LIMIT		159565	3.14	591247	4.13	369024	5.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
580-24953-6	YK-MW-2	218017	3.64	952507	4.63	624190	6.05
580-24953-6 MS	YK-MW-2 MS	324062	3.64	1204913	4.63	760551	6.05
580-24953-6 MSD	YK-MW-2 MSD	305018	3.64	1186204	4.63	724689	6.05
580-24953-7	YK-MW-3	257304	3.64	1134142	4.63	706673	6.05
580-24953-8	YK-MW-4	283016	3.64	1066043	4.63	679675	6.05
580-24953-9	YK-MW-5	287010	3.64	1212252	4.63	732970	6.05
580-24953-10	YK-MW-6	291708	3.64	1097613	4.63	694937	6.05
580-24953-11	YK-MW-7	255424	3.64	1107438	4.63	694626	6.05
580-24953-12	YK-MW11	294448	3.64	1105394	4.63	699783	6.05
580-24953-13	YK-Equipment Blank	285278	3.64	1083760	4.63	664627	6.05

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVIS 580-82272/2 Date Analyzed: 03/15/2011 08:07

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): FT004106.D Heated Purge: (Y/N) N

Calibration ID: 7279

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1190461	7.27	1144648	9.46	936758	10.90
UPPER LIMIT		2380922	7.77	2289296	9.96	1873516	11.40
LOWER LIMIT		595231	6.77	572324	8.96	468379	10.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
580-24953-6	YK-MW-2	995842	7.27	926199	9.46	835585	10.90
580-24953-6 MS	YK-MW-2 MS	1252402	7.27	1283844	9.46	1125295	10.89
580-24953-6 MSD	YK-MW-2 MSD	1236028	7.27	1250047	9.46	1125134	10.89
580-24953-7	YK-MW-3	1163579	7.27	1094984	9.46	974373	10.89
580-24953-8	YK-MW-4	1115611	7.27	1030437	9.46	933219	10.89
580-24953-9	YK-MW-5	1214773	7.27	1123082	9.46	1001026	10.89
580-24953-10	YK-MW-6	1125784	7.27	1068111	9.46	927213	10.89
580-24953-11	YK-MW-7	1109081	7.27	1064316	9.46	904495	10.89
580-24953-12	YK-MW11	1149304	7.27	1078385	9.46	946440	10.89
580-24953-13	YK-Equipment Blank	1105574	7.27	1009485	9.46	846745	10.89

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: Irrigation Well | Lab Sample ID: 580-24953-1

Matrix: Water | Lab File ID: FT004101.D

Analysis Method: 8270C | Date Collected: 03/12/2011 13:30

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 17:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND	*	1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	ND		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: Irrigation Well | Lab Sample ID: 580-24953-1

Matrix: Water | Lab File ID: FT004101.D

Analysis Method: 8270C | Date Collected: 03/12/2011 13:30

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 17:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	ND		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	ND		1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: Irrigation Well | Lab Sample ID: 580-24953-1

Matrix: Water | Lab File ID: FT004101.D

Analysis Method: 8270C | Date Collected: 03/12/2011 13:30

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 17:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	62		20-110
4165-62-2	Phenol-d5	30		10-115
4165-60-0	Nitrobenzene-d5	92		40-110
321-60-8	2-Fluorobiphenyl	79		50-110
118-79-6	2,4,6-Tribromophenol	80		40-125
1718-51-0	Terphenyl-d14	80		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-A | Lab Sample ID: 580-24953-2

Matrix: Water | Lab File ID: FT004102.D

Analysis Method: 8270C | Date Collected: 03/12/2011 15:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 18:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND	*	1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	ND		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-A | Lab Sample ID: 580-24953-2

Matrix: Water | Lab File ID: FT004102.D

Analysis Method: 8270C | Date Collected: 03/12/2011 15:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 18:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	ND		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	ND		1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-A | Lab Sample ID: 580-24953-2

Matrix: Water | Lab File ID: FT004102.D

Analysis Method: 8270C | Date Collected: 03/12/2011 15:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 18:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	58		20-110
4165-62-2	Phenol-d5	31		10-115
4165-60-0	Nitrobenzene-d5	82		40-110
321-60-8	2-Fluorobiphenyl	82		50-110
118-79-6	2,4,6-Tribromophenol	81		40-125
1718-51-0	Terphenyl-d14	77		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-B | Lab Sample ID: 580-24953-3

Matrix: Water | Lab File ID: FT004103.D

Analysis Method: 8270C | Date Collected: 03/12/2011 17:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1040(mL) | Date Analyzed: 03/14/2011 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.9	0.48
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.48
95-57-8	2-Chlorophenol	ND		1.9	0.48
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.48
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.48
100-51-6	Benzyl alcohol	ND		1.9	0.48
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.48
95-48-7	2-Methylphenol	ND		1.9	0.48
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.48
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.48
67-72-1	Hexachloroethane	ND		2.9	0.48
98-95-3	Nitrobenzene	ND	*	1.9	0.48
78-59-1	Isophorone	ND		1.9	0.48
88-75-5	2-Nitrophenol	ND		1.9	0.48
105-67-9	2,4-Dimethylphenol	ND		4.8	1.4
65-85-0	Benzoic acid	ND		9.6	2.9
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.48
120-83-2	2,4-Dichlorophenol	ND		1.9	0.48
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.48
91-20-3	Naphthalene	ND		1.9	0.48
106-47-8	4-Chloroaniline	ND		1.9	0.48
87-68-3	Hexachlorobutadiene	ND		2.9	0.48
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.48
91-57-6	2-Methylnaphthalene	ND		0.96	0.096
77-47-4	Hexachlorocyclopentadiene	ND		9.6	0.48
88-06-2	2,4,6-Trichlorophenol	ND		2.9	0.48
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.48
91-58-7	2-Chloronaphthalene	ND		0.29	0.096
88-74-4	2-Nitroaniline	ND		1.9	0.48
131-11-3	Dimethyl phthalate	ND		1.9	0.48
208-96-8	Acenaphthylene	ND		0.38	0.096
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.48
99-09-2	3-Nitroaniline	ND		1.9	0.58
83-32-9	Acenaphthene	ND		0.48	0.096

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-B | Lab Sample ID: 580-24953-3

Matrix: Water | Lab File ID: FT004103.D

Analysis Method: 8270C | Date Collected: 03/12/2011 17:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1040(mL) | Date Analyzed: 03/14/2011 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.8
100-02-7	4-Nitrophenol	ND		9.6	4.8
132-64-9	Dibenzofuran	ND		1.9	0.48
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.48
84-66-2	Diethyl phthalate	ND		1.9	0.48
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.48
86-73-7	Fluorene	ND		0.29	0.096
100-01-6	4-Nitroaniline	ND		2.9	0.48
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.8
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.48
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.48
118-74-1	Hexachlorobenzene	ND		1.9	0.48
87-86-5	Pentachlorophenol	ND		3.4	0.48
85-01-8	Phenanthrene	ND		0.38	0.096
120-12-7	Anthracene	ND		0.19	0.048
84-74-2	Di-n-butyl phthalate	0.67	J	1.9	0.62
206-44-0	Fluoranthene	ND		0.24	0.062
129-00-0	Pyrene	ND		0.29	0.062
85-68-7	Butyl benzyl phthalate	ND		2.9	0.96
91-94-1	3,3'-Dichlorobenzidine	ND		9.6	0.48
56-55-3	Benzo[a]anthracene	ND		0.29	0.096
218-01-9	Chrysene	ND		0.19	0.062
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.7
117-84-0	Di-n-octyl phthalate	ND		1.9	0.96
50-32-8	Benzo[a]pyrene	ND		0.19	0.096
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.29	0.096
53-70-3	Dibenz(a,h)anthracene	ND		0.29	0.096
191-24-2	Benzo[g,h,i]perylene	ND		0.29	0.096
86-74-8	Carbazole	ND		1.9	0.48
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.096
207-08-9	Benzo[k]fluoranthene	ND		0.29	0.096
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-B | Lab Sample ID: 580-24953-3

Matrix: Water | Lab File ID: FT004103.D

Analysis Method: 8270C | Date Collected: 03/12/2011 17:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1040(mL) | Date Analyzed: 03/14/2011 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	61		20-110
4165-62-2	Phenol-d5	32		10-115
4165-60-0	Nitrobenzene-d5	82		40-110
321-60-8	2-Fluorobiphenyl	80		50-110
118-79-6	2,4,6-Tribromophenol	80		40-125
1718-51-0	Terphenyl-d14	71		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-1 | Lab Sample ID: 580-24953-5

Matrix: Water | Lab File ID: FT004104.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 18:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND	*	1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	ND		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-1 | Lab Sample ID: 580-24953-5

Matrix: Water | Lab File ID: FT004104.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 18:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	ND		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	ND		1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-1 | Lab Sample ID: 580-24953-5

Matrix: Water | Lab File ID: FT004104.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/14/2011 18:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	70		20-110
4165-62-2	Phenol-d5	41		10-115
4165-60-0	Nitrobenzene-d5	97		40-110
321-60-8	2-Fluorobiphenyl	84		50-110
118-79-6	2,4,6-Tribromophenol	80		40-125
1718-51-0	Terphenyl-d14	72		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 | Lab Sample ID: 580-24953-6

Matrix: Water | Lab File ID: FT004108.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1050(mL) | Date Analyzed: 03/15/2011 09:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.9	0.48
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.48
95-57-8	2-Chlorophenol	ND		1.9	0.48
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.48
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.48
100-51-6	Benzyl alcohol	ND		1.9	0.48
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.48
95-48-7	2-Methylphenol	ND		1.9	0.48
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.48
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.48
67-72-1	Hexachloroethane	ND		2.9	0.48
98-95-3	Nitrobenzene	ND		1.9	0.48
78-59-1	Isophorone	ND		1.9	0.48
88-75-5	2-Nitrophenol	ND		1.9	0.48
105-67-9	2,4-Dimethylphenol	ND		4.8	1.4
65-85-0	Benzoic acid	ND		9.5	2.9
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.48
120-83-2	2,4-Dichlorophenol	ND		1.9	0.48
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.48
91-20-3	Naphthalene	ND		1.9	0.48
106-47-8	4-Chloroaniline	ND		1.9	0.48
87-68-3	Hexachlorobutadiene	ND		2.9	0.48
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.48
91-57-6	2-Methylnaphthalene	ND		0.95	0.095
77-47-4	Hexachlorocyclopentadiene	ND		9.5	0.48
88-06-2	2,4,6-Trichlorophenol	ND		2.9	0.48
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.48
91-58-7	2-Chloronaphthalene	ND		0.29	0.095
88-74-4	2-Nitroaniline	ND		1.9	0.48
131-11-3	Dimethyl phthalate	ND		1.9	0.48
208-96-8	Acenaphthylene	ND		0.38	0.095
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.48
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.48	0.095

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 | Lab Sample ID: 580-24953-6

Matrix: Water | Lab File ID: FT004108.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1050(mL) | Date Analyzed: 03/15/2011 09:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.8
100-02-7	4-Nitrophenol	ND		9.5	4.8
132-64-9	Dibenzofuran	ND		1.9	0.48
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.48
84-66-2	Diethyl phthalate	ND		1.9	0.48
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.48
86-73-7	Fluorene	ND		0.29	0.095
100-01-6	4-Nitroaniline	ND		2.9	0.48
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.8
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.48
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.48
118-74-1	Hexachlorobenzene	ND		1.9	0.48
87-86-5	Pentachlorophenol	ND		3.3	0.48
85-01-8	Phenanthrene	ND		0.38	0.095
120-12-7	Anthracene	ND		0.19	0.048
84-74-2	Di-n-butyl phthalate	0.92	J	1.9	0.62
206-44-0	Fluoranthene	ND		0.24	0.062
129-00-0	Pyrene	ND		0.29	0.062
85-68-7	Butyl benzyl phthalate	ND		2.9	0.95
91-94-1	3,3'-Dichlorobenzidine	ND		9.5	0.48
56-55-3	Benzo[a]anthracene	ND		0.29	0.095
218-01-9	Chrysene	ND		0.19	0.062
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.95
50-32-8	Benzo[a]pyrene	ND		0.19	0.095
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.29	0.095
53-70-3	Dibenz(a,h)anthracene	ND		0.29	0.095
191-24-2	Benzo[g,h,i]perylene	ND		0.29	0.095
86-74-8	Carbazole	ND		1.9	0.48
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.095
207-08-9	Benzo[k]fluoranthene	ND		0.29	0.095
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 | Lab Sample ID: 580-24953-6

Matrix: Water | Lab File ID: FT004108.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1050(mL) | Date Analyzed: 03/15/2011 09:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	64		20-110
4165-62-2	Phenol-d5	36		10-115
4165-60-0	Nitrobenzene-d5	89		40-110
321-60-8	2-Fluorobiphenyl	79		50-110
118-79-6	2,4,6-Tribromophenol	79		40-125
1718-51-0	Terphenyl-d14	74		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-3 | Lab Sample ID: 580-24953-7

Matrix: Water | Lab File ID: FT004111.D

Analysis Method: 8270C | Date Collected: 03/13/2011 10:15

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND		1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	ND		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-3 | Lab Sample ID: 580-24953-7

Matrix: Water | Lab File ID: FT004111.D

Analysis Method: 8270C | Date Collected: 03/13/2011 10:15

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	ND		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	0.71	J	1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-3 | Lab Sample ID: 580-24953-7

Matrix: Water | Lab File ID: FT004111.D

Analysis Method: 8270C | Date Collected: 03/13/2011 10:15

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	66		20-110
4165-62-2	Phenol-d5	50		10-115
4165-60-0	Nitrobenzene-d5	78		40-110
321-60-8	2-Fluorobiphenyl	75		50-110
118-79-6	2,4,6-Tribromophenol	73		40-125
1718-51-0	Terphenyl-d14	73		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-4 | Lab Sample ID: 580-24953-8

Matrix: Water | Lab File ID: FT004112.D

Analysis Method: 8270C | Date Collected: 03/13/2011 11:24

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND		1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	ND		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-4 | Lab Sample ID: 580-24953-8

Matrix: Water | Lab File ID: FT004112.D

Analysis Method: 8270C | Date Collected: 03/13/2011 11:24

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	ND		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	0.72	J	1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-4 | Lab Sample ID: 580-24953-8

Matrix: Water | Lab File ID: FT004112.D

Analysis Method: 8270C | Date Collected: 03/13/2011 11:24

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	49		20-110
4165-62-2	Phenol-d5	28		10-115
4165-60-0	Nitrobenzene-d5	75		40-110
321-60-8	2-Fluorobiphenyl	72		50-110
118-79-6	2,4,6-Tribromophenol	66		40-125
1718-51-0	Terphenyl-d14	60		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-5 | Lab Sample ID: 580-24953-9

Matrix: Water | Lab File ID: FT004113.D

Analysis Method: 8270C | Date Collected: 03/13/2011 13:55

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND		1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	ND		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-5 | Lab Sample ID: 580-24953-9

Matrix: Water | Lab File ID: FT004113.D

Analysis Method: 8270C | Date Collected: 03/13/2011 13:55

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	ND		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	ND		1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-5 | Lab Sample ID: 580-24953-9

Matrix: Water | Lab File ID: FT004113.D

Analysis Method: 8270C | Date Collected: 03/13/2011 13:55

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	49		20-110
4165-62-2	Phenol-d5	32		10-115
4165-60-0	Nitrobenzene-d5	69		40-110
321-60-8	2-Fluorobiphenyl	67		50-110
118-79-6	2,4,6-Tribromophenol	59		40-125
1718-51-0	Terphenyl-d14	53		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-6 | Lab Sample ID: 580-24953-10

Matrix: Water | Lab File ID: FT004114.D

Analysis Method: 8270C | Date Collected: 03/13/2011 14:50

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND		1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	ND		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-6 | Lab Sample ID: 580-24953-10

Matrix: Water | Lab File ID: FT004114.D

Analysis Method: 8270C | Date Collected: 03/13/2011 14:50

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	ND		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	0.69	J	1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-6 | Lab Sample ID: 580-24953-10

Matrix: Water | Lab File ID: FT004114.D

Analysis Method: 8270C | Date Collected: 03/13/2011 14:50

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 10:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	50		20-110
4165-62-2	Phenol-d5	30		10-115
4165-60-0	Nitrobenzene-d5	77		40-110
321-60-8	2-Fluorobiphenyl	68		50-110
118-79-6	2,4,6-Tribromophenol	64		40-125
1718-51-0	Terphenyl-d14	55		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-7 | Lab Sample ID: 580-24953-11

Matrix: Water | Lab File ID: FT004115.D

Analysis Method: 8270C | Date Collected: 03/13/2011 12:01

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 11:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND		1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	3.6	J	9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-7 | Lab Sample ID: 580-24953-11

Matrix: Water | Lab File ID: FT004115.D

Analysis Method: 8270C | Date Collected: 03/13/2011 12:01

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 11:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	0.50	J	1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	0.69	J	1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-7 | Lab Sample ID: 580-24953-11

Matrix: Water | Lab File ID: FT004115.D

Analysis Method: 8270C | Date Collected: 03/13/2011 12:01

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 11:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	27		20-110
4165-62-2	Phenol-d5	26		10-115
4165-60-0	Nitrobenzene-d5	62		40-110
321-60-8	2-Fluorobiphenyl	50		50-110
118-79-6	2,4,6-Tribromophenol	34	X	40-125
1718-51-0	Terphenyl-d14	24	X	50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW11 | Lab Sample ID: 580-24953-12

Matrix: Water | Lab File ID: FT004116.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 11:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.47
95-57-8	2-Chlorophenol	ND		1.9	0.47
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.47
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.47
100-51-6	Benzyl alcohol	ND		1.9	0.47
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.47
95-48-7	2-Methylphenol	ND		1.9	0.47
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.47
67-72-1	Hexachloroethane	ND		2.8	0.47
98-95-3	Nitrobenzene	ND		1.9	0.47
78-59-1	Isophorone	ND		1.9	0.47
88-75-5	2-Nitrophenol	ND		1.9	0.47
105-67-9	2,4-Dimethylphenol	ND		4.7	1.4
65-85-0	Benzoic acid	ND		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.47
120-83-2	2,4-Dichlorophenol	ND		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.47
91-20-3	Naphthalene	ND		1.9	0.47
106-47-8	4-Chloroaniline	ND		1.9	0.47
87-68-3	Hexachlorobutadiene	ND		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.47
91-57-6	2-Methylnaphthalene	ND		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	ND		9.4	0.47
88-06-2	2,4,6-Trichlorophenol	ND		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.47
91-58-7	2-Chloronaphthalene	ND		0.28	0.094
88-74-4	2-Nitroaniline	ND		1.9	0.47
131-11-3	Dimethyl phthalate	ND		1.9	0.47
208-96-8	Acenaphthylene	ND		0.38	0.094
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.47
99-09-2	3-Nitroaniline	ND		1.9	0.57
83-32-9	Acenaphthene	ND		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW11 | Lab Sample ID: 580-24953-12

Matrix: Water | Lab File ID: FT004116.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 11:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.7
100-02-7	4-Nitrophenol	ND		9.4	4.7
132-64-9	Dibenzofuran	ND		1.9	0.47
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.47
84-66-2	Diethyl phthalate	ND		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.47
86-73-7	Fluorene	ND		0.28	0.094
100-01-6	4-Nitroaniline	ND		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.7
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.47
118-74-1	Hexachlorobenzene	ND		1.9	0.47
87-86-5	Pentachlorophenol	ND		3.3	0.47
85-01-8	Phenanthrene	ND		0.38	0.094
120-12-7	Anthracene	ND		0.19	0.047
84-74-2	Di-n-butyl phthalate	ND		1.9	0.61
206-44-0	Fluoranthene	ND		0.24	0.061
129-00-0	Pyrene	ND		0.28	0.061
85-68-7	Butyl benzyl phthalate	ND		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	ND		9.4	0.47
56-55-3	Benzo[a]anthracene	ND		0.28	0.094
218-01-9	Chrysene	ND		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.6
117-84-0	Di-n-octyl phthalate	ND		1.9	0.94
50-32-8	Benzo[a]pyrene	ND		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	ND		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	ND		0.28	0.094
86-74-8	Carbazole	ND		1.9	0.47
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.094
207-08-9	Benzo[k]fluoranthene	ND		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW11 | Lab Sample ID: 580-24953-12

Matrix: Water | Lab File ID: FT004116.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 11:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	59		20-110
4165-62-2	Phenol-d5	31		10-115
4165-60-0	Nitrobenzene-d5	90		40-110
321-60-8	2-Fluorobiphenyl	83		50-110
118-79-6	2,4,6-Tribromophenol	80		40-125
1718-51-0	Terphenyl-d14	64		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-Equipment Blank | Lab Sample ID: 580-24953-13

Matrix: Water | Lab File ID: FT004117.D

Analysis Method: 8270C | Date Collected: 03/13/2011 15:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1040(mL) | Date Analyzed: 03/15/2011 11:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		2.9	0.48
111-44-4	Bis(2-chloroethyl)ether	ND		1.9	0.48
95-57-8	2-Chlorophenol	ND		1.9	0.48
541-73-1	1,3-Dichlorobenzene	ND		1.9	0.48
106-46-7	1,4-Dichlorobenzene	ND		1.9	0.48
100-51-6	Benzyl alcohol	ND		1.9	0.48
95-50-1	1,2-Dichlorobenzene	ND		1.9	0.48
95-48-7	2-Methylphenol	ND		1.9	0.48
15831-10-4	3 & 4 Methylphenol	ND		3.8	0.48
621-64-7	N-Nitrosodi-n-propylamine	ND		1.9	0.48
67-72-1	Hexachloroethane	ND		2.9	0.48
98-95-3	Nitrobenzene	ND		1.9	0.48
78-59-1	Isophorone	ND		1.9	0.48
88-75-5	2-Nitrophenol	ND		1.9	0.48
105-67-9	2,4-Dimethylphenol	ND		4.8	1.4
65-85-0	Benzoic acid	ND		9.6	2.9
111-91-1	Bis(2-chloroethoxy)methane	ND		1.9	0.48
120-83-2	2,4-Dichlorophenol	ND		1.9	0.48
120-82-1	1,2,4-Trichlorobenzene	ND		1.9	0.48
91-20-3	Naphthalene	ND		1.9	0.48
106-47-8	4-Chloroaniline	ND		1.9	0.48
87-68-3	Hexachlorobutadiene	ND		2.9	0.48
59-50-7	4-Chloro-3-methylphenol	ND		1.9	0.48
91-57-6	2-Methylnaphthalene	ND		0.96	0.096
77-47-4	Hexachlorocyclopentadiene	ND		9.6	0.48
88-06-2	2,4,6-Trichlorophenol	ND		2.9	0.48
95-95-4	2,4,5-Trichlorophenol	ND		1.9	0.48
91-58-7	2-Chloronaphthalene	ND		0.29	0.096
88-74-4	2-Nitroaniline	ND		1.9	0.48
131-11-3	Dimethyl phthalate	ND		1.9	0.48
208-96-8	Acenaphthylene	ND		0.38	0.096
606-20-2	2,6-Dinitrotoluene	ND		1.9	0.48
99-09-2	3-Nitroaniline	ND		1.9	0.58
83-32-9	Acenaphthene	ND		0.48	0.096

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-Equipment Blank | Lab Sample ID: 580-24953-13

Matrix: Water | Lab File ID: FT004117.D

Analysis Method: 8270C | Date Collected: 03/13/2011 15:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1040(mL) | Date Analyzed: 03/15/2011 11:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		24	4.8
100-02-7	4-Nitrophenol	ND		9.6	4.8
132-64-9	Dibenzofuran	ND		1.9	0.48
121-14-2	2,4-Dinitrotoluene	ND		1.9	0.48
84-66-2	Diethyl phthalate	ND		1.9	0.48
7005-72-3	4-Chlorophenyl phenyl ether	ND		1.9	0.48
86-73-7	Fluorene	ND		0.29	0.096
100-01-6	4-Nitroaniline	ND		2.9	0.48
534-52-1	4,6-Dinitro-2-methylphenol	ND		19	4.8
86-30-6	N-Nitrosodiphenylamine	ND		1.9	0.48
101-55-3	4-Bromophenyl phenyl ether	ND		1.9	0.48
118-74-1	Hexachlorobenzene	ND		1.9	0.48
87-86-5	Pentachlorophenol	ND		3.4	0.48
85-01-8	Phenanthrene	ND		0.38	0.096
120-12-7	Anthracene	ND		0.19	0.048
84-74-2	Di-n-butyl phthalate	ND		1.9	0.62
206-44-0	Fluoranthene	ND		0.24	0.062
129-00-0	Pyrene	ND		0.29	0.062
85-68-7	Butyl benzyl phthalate	ND		2.9	0.96
91-94-1	3,3'-Dichlorobenzidine	ND		9.6	0.48
56-55-3	Benzo[a]anthracene	ND		0.29	0.096
218-01-9	Chrysene	ND		0.19	0.062
117-81-7	Bis(2-ethylhexyl) phthalate	ND		14	5.7
117-84-0	Di-n-octyl phthalate	ND		1.9	0.96
50-32-8	Benzo[a]pyrene	ND		0.19	0.096
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.29	0.096
53-70-3	Dibenz(a,h)anthracene	ND		0.29	0.096
191-24-2	Benzo[g,h,i]perylene	ND		0.29	0.096
86-74-8	Carbazole	ND		1.9	0.48
90-12-0	1-Methylnaphthalene	ND		0.38	0.14
205-99-2	Benzo[b]fluoranthene	ND		0.38	0.096
207-08-9	Benzo[k]fluoranthene	ND		0.29	0.096
108-60-1	2,2'-oxybis[1-chloropropane]	ND		1.9	0.48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-Equipment Blank | Lab Sample ID: 580-24953-13

Matrix: Water | Lab File ID: FT004117.D

Analysis Method: 8270C | Date Collected: 03/13/2011 15:00

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1040(mL) | Date Analyzed: 03/15/2011 11:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	53		20-110
4165-62-2	Phenol-d5	27		10-115
4165-60-0	Nitrobenzene-d5	77		40-110
321-60-8	2-Fluorobiphenyl	78		50-110
118-79-6	2,4,6-Tribromophenol	72		40-125
1718-51-0	Terphenyl-d14	70		50-135

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-80068/3	FT003870.D
Level 2	IC 580-80068/4	FT003871.D
Level 3	IC 580-80068/5	FT003872.D
Level 4	IC 580-80068/6	FT003873.D
Level 5	IC 580-80068/7	FT003874.D
Level 6	ICIS 580-80068/8	FT003875.D
Level 7	IC 580-80068/9	FT003876.D
Level 8	IC 580-80068/10	FT003877.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Atrazine	+++++ +++++	+++++ 0.3929	+++++ +++++	+++++	+++++	Ave		0.3929						15.0			
N-Nitrosodimethylamine	0.3689 0.3400	0.3690 0.3105	0.3556 0.2900	0.3181	0.3448	Ave		0.3371				8.5		15.0			
Pyridine	0.5371 0.6666	0.6182 0.5953	0.6266 0.5676	0.6631	0.6499	Ave		0.6156				7.5		15.0			
Cyclohexanone	0.7756 0.6472	0.8130 0.6297	0.7274 0.6071	0.6520	0.6644	Ave		0.6895				11.0		15.0			
Aniline	+++++ 1.4606	1.1619 1.3974	1.2473 1.3641	1.3744	1.4482	Ave		1.3505				8.0		15.0			
Phenol	1.3758 1.2801	1.2265 1.2519	1.5674 1.2374	1.2651	1.2834	Ave		1.3110				8.6		15.0			
Bis(2-chloroethyl)ether	1.1333 1.3291	1.4093 1.2421	1.2011 1.1673	1.2927	1.3787	Ave		1.2692				7.9		15.0			
2-Chlorophenol	1.6744 1.3162	1.1987 1.3555	1.2848 1.2991	1.3478	1.4509	Ave		1.3659				11.0		15.0			
n-Decane	1.1811 0.9293	1.1992 0.9729	1.0226 0.9109	1.0303	0.9283	Ave		1.0218				11.0		15.0			
1,3-Dichlorobenzene	1.6109 1.5772	1.6532 1.4832	1.6291 1.4164	1.5947	1.5063	Ave		1.5589				5.3		15.0			
1,4-Dichlorobenzene	1.3941 1.7795	1.9300 1.6570	1.7272 1.5519	1.6547	1.8453	Ave		1.6925				10.0		15.0			
Benzyl alcohol	0.6859 0.7124	0.6153 0.7236	0.7323 0.7512	0.5239	0.7063	Ave		0.6814				11.0		15.0			
1,2-Dichlorobenzene	1.3956 1.5713	1.6651 1.5170	1.6696 1.4220	1.6475	1.6234	Ave		1.5639				6.9		15.0			
2-Methylphenol	0.8714 1.1136	1.1221 1.0997	0.9957 1.0988	1.0918	1.2027	Ave		1.0745				9.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	1.2766 1.1419	1.1181 1.0975	1.0418 1.0620	1.1947	1.1753	Ave		1.1385				6.7		15.0			
Benzoic acid	+++++ 0.1204	0.0153 0.1598	0.0361 0.1768	0.0662	0.0934	Qua1	-39.96	0.1258	0						0.9950		0.9900
3 & 4 Methylphenol	1.2207 1.2266	1.0787 1.1128	1.0653 1.1315	1.1845	1.1417	Ave		1.1452				5.3		15.0			
N-Nitrosodi-n-propylamine	0.7491 0.7119	0.7531 0.6497	0.7208 0.6616	0.7408	0.6891	Ave		0.7095			0.0500	5.6		15.0			
Acetophenone	1.7297 1.4434	1.4734 1.4809	1.5373 1.4209	1.5699	1.6289	Ave		1.5356				6.8		15.0			
Hexachloroethane	0.5670 0.5760	0.5171 0.5263	0.5307 0.5242	0.5573	0.5825	Ave		0.5476				4.7		15.0			
Nitrobenzene	0.2387 0.2694	0.2921 0.2803	0.2814 0.2649	0.2785	0.2822	Ave		0.2734				6.0		15.0			
Isophorone	0.5039 0.5347	0.5445 0.5055	0.5190 0.4737	0.5221	0.5126	Ave		0.5145				4.2		15.0			
2-Nitrophenol	0.1320 0.1987	0.1961 0.1988	0.1800 0.2063	0.1763	0.1881	Ave		0.1845				13.0		15.0			
2,4-Dimethylphenol	+++++ 0.3065	0.2432 0.2873	0.2702 0.2878	0.2715	0.2994	Ave		0.2808				7.6		15.0			
Bis(2-chloroethoxy)methane	0.4547 0.3667	0.2924 0.3551	0.3283 0.3377	0.3329	0.3467	Ave		0.3518				13.0		15.0			
2,4-Dichlorophenol	0.2766 0.3102	0.2540 0.3252	0.2827 0.3044	0.3135	0.3142	Ave		0.2976				8.1		15.0			
1,2,4-Trichlorobenzene	0.3952 0.4055	0.3502 0.3964	0.3592 0.3762	0.4009	0.4003	Ave		0.3855				5.5		15.0			
Naphthalene	1.0308 1.0491	1.0678 0.9953	1.1071 0.8580	1.1566	1.1043	Ave		1.0461				8.7		15.0			
4-Chloroaniline	0.3501 0.3774	0.3318 0.4045	0.3988 0.3857	0.3767	0.3920	Ave		0.3771				6.6		15.0			
Hexachlorobutadiene	0.1905 0.2342	0.2455 0.2293	0.2091 0.2201	0.2334	0.2423	Ave		0.2255				8.1		15.0			
4-Chloro-3-methylphenol	0.2085 0.2262	0.2766 0.2372	0.2275 0.2319	0.2445	0.2207	Ave		0.2341				8.7		15.0			
2-Methylnaphthalene	0.7505 0.7363	0.7401 0.6830	0.8107 0.6190	0.7312	0.7271	Ave		0.7247				7.6		15.0			
1-Methylnaphthalene	0.6559 0.7217	0.7568 0.6887	0.7849 0.6088	0.7722	0.7207	Ave		0.7137				8.4		15.0			
Hexachlorocyclopentadiene	0.2422 0.3717	0.2170 0.3931	0.2540 0.3722	0.2974	0.3289	Lin1	-5.955	0.3756			0.0500				0.9970		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4-Dinitrophenol	+++++ 0.1057	0.0174 0.1373	0.0434 0.1464	0.0527	0.0821	Qua1	-33.72	0.1111	0		0.0500				0.9940		0.9900
2,4,6-Trichlorophenol	+++++ 0.3928	0.3396 0.3982	0.3281 0.3781	0.3138	0.3597	Ave		0.3586				9.1		15.0			
2,3-Dichloroaniline	0.7073 0.6497	0.5542 0.6292	0.6238 0.6029	0.6007	0.6751	Ave		0.6303				7.5		15.0			
2,4,5-Trichlorophenol	0.3460 0.4384	0.2970 0.4347	0.3545 0.4297	0.3872	0.4097	Ave		0.3871				13.0		15.0			
Biphenyl	1.6168 1.4711	1.3907 1.3794	1.5616 1.1951	1.4188	1.4854	Ave		1.4399				8.9		15.0			
2-Chloronaphthalene	1.0187 1.1881	1.1512 1.1329	1.2176 1.0168	1.1822	1.2056	Ave		1.1391				7.0		15.0			
2-Nitroaniline	0.1651 0.1783	0.1845 0.1864	0.1521 0.1818	0.1836	0.1599	Ave		0.1739				7.5		15.0			
Dimethyl phthalate	1.1875 1.2802	1.5084 1.2030	1.3817 1.0517	1.2423	1.2854	Ave		1.2675				11.0		15.0			
2,6-Dinitrotoluene	0.2186 0.3128	0.3278 0.3189	0.2824 0.3029	0.2937	0.3136	Ave		0.2964				12.0		15.0			
Acenaphthylene	1.7555 1.7647	1.6998 1.6273	1.8432 1.3668	1.7120	1.7580	Ave		1.6909				8.6		15.0			
3-Nitroaniline	0.1753 0.2495	0.2143 0.2684	0.1987 0.2459	0.2510	0.2246	Lin1	-2.060	0.2513							0.9980		0.9900
Acenaphthene	1.2594 1.2288	1.1969 1.1273	1.1969 0.9915	1.2172	1.1869	Ave		1.1756				7.1		15.0			
4-Nitrophenol	0.0321 0.0634	0.0450 0.0696	0.0482 0.0690	0.0535	0.0580	Lin1	-5.997	0.0682			0.0500				0.9980		0.9900
2,4-Dinitrotoluene	0.3488 0.3768	0.2293 0.3822	0.3329 0.3663	0.3096	0.3465	Ave		0.3366				15.0		15.0			
Dibenzofuran	1.8490 1.6320	1.6320 1.5040	1.5900 1.2996	1.6596	1.6646	Ave		1.6038				9.8		15.0			
2,3,5,6-Tetrachlorophenol	0.1604 0.3582	0.2496 0.3731	0.2366 0.3620	0.3114	0.3029	Lin1	-6.168	0.3627							0.9980		0.9900
2,3,4,6-Tetrachlorophenol	0.3136 0.3868	0.2761 0.3872	0.2360 0.3682	0.3345	0.3656	Lin1	-3.736	0.3749							0.9980		0.9900
Diethyl phthalate	+++++ 1.2147	1.5570 1.0983	1.2746 0.9746	1.3691	1.1942	Ave		1.2404				15.0		15.0			
4-Chlorophenyl phenyl ether	0.6869 0.7465	0.7217 0.7118	0.7556 0.6391	0.7410	0.6926	Ave		0.7119				5.4		15.0			
Fluorene	1.3626 1.3556	1.3728 1.3100	1.4145 1.1198	1.3303	1.3361	Ave		1.3252				6.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Nitroaniline	0.0851 0.2192	0.1653 0.2144	0.2057 0.1864	0.2080	0.2288	Lin2	-2.587	0.2178							0.9940		0.9900
4,6-Dinitro-2-methylphenol	0.0333 0.1171	0.0559 0.1408	0.0640 0.1341	0.0816	0.1029	Lin1	-18.70	0.1327							0.9930		0.9900
N-Nitrosodiphenylamine	0.7298 0.7368	0.7325 0.7137	0.7533 0.6245	0.7100	0.7579	Ave		0.7198				5.8		15.0			
Azobenzene	0.6886 0.5557	0.4947 0.5554	0.5525 0.5064	0.5609	0.5762	Ave		0.5613				10.0		15.0			
4-Bromophenyl phenyl ether	0.3093 0.3137	0.3200 0.3090	0.3129 0.2987	0.2842	0.3003	Ave		0.3060				3.7		15.0			
Hexachlorobenzene	0.4393 0.3872	0.4125 0.3879	0.4042 0.3601	0.4006	0.3903	Ave		0.3978				5.8		15.0			
Pentachlorophenol	+++++ 0.1471	+++++ 0.1687	0.0840 0.1805	0.1055	0.1312	Lin1	-13.26	0.1775							0.9960		0.9900
Octadecane	0.2195 0.1996	0.2617 0.1923	0.1911 0.1861	0.1873	0.1825	Ave		0.2025				13.0		15.0			
Phenanthrene	1.2269 1.1666	1.2403 1.0968	1.2249 0.8978	1.2231	1.2137	Ave		1.1613				10.0		15.0			
Anthracene	1.3586 1.1764	1.2143 1.0941	1.1686 0.9011	1.1685	1.1945	Ave		1.1595				11.0		15.0			
Carbazole	0.8942 0.9118	0.9342 0.8936	1.0059 0.5838	1.0097	0.9001	Ave		0.8917				15.0		15.0			
Di-n-butyl phthalate	1.5038 1.2819	1.4974 1.2154	1.2714 0.9659	1.3435	1.3334	Ave		1.3016				13.0		15.0			
Fluoranthene	1.2435 1.1557	1.2659 1.1374	1.2400 0.9303	1.2653	1.1886	Ave		1.1783				9.5		15.0			
Benzidine	0.3743 0.3218	0.3164 0.2877	0.3821 0.1403	0.3650	0.3452	Qua2	-0.233	0.3674	0						0.9940		0.9900
Pyrene	1.2539 1.2154	1.3778 1.2270	1.3654 0.9843	1.3802	1.2663	Ave		1.2588				10.0		15.0			
Butyl benzyl phthalate	0.8048 0.6468	0.6245 0.5696	0.5876 0.5533	0.5425	0.6637	Ave		0.6241				14.0		15.0			
3,3'-Dichlorobenzidine	0.3387 0.3554	0.3479 0.3235	0.3371 0.2687	0.3274	0.3749	Ave		0.3342				9.3		15.0			
Benzo[a]anthracene	1.3319 1.1658	1.2972 1.0656	1.2722 0.9436	1.1712	1.1237	Ave		1.1714				11.0		15.0			
Bis(2-ethylhexyl) phthalate	+++++ 0.9623	0.9970 0.8709	0.8650 0.8157	0.8565	1.0208	Ave		0.9126				8.7		15.0			
Chrysene	1.1295 1.1632	1.1671 1.0638	1.1854 0.9607	1.2033	1.1736	Ave		1.1308				7.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Di-n-octyl phthalate	1.5200 1.5882	1.4983 1.3833	1.2577 1.3536	1.3287	1.7319	Ave		1.4577				11.0		15.0			
Benzo[b]fluoranthene	0.9062 1.1843	1.0997 1.0779	1.1041 0.9710	1.1382	1.1723	Ave		1.0817				9.0		15.0			
Benzofluoranthene	1.1607 1.1868	1.1878 1.1050	1.1374 1.0488	1.1652	1.1877	Ave		1.1474				4.3		15.0			
Benzo[k]fluoranthene	1.4129 1.2049	1.2611 1.1336	1.2552 1.1472	1.1860	1.2059	Ave		1.2258				7.2		15.0			
Benzo[a]pyrene	1.0862 1.0711	1.1165 1.0305	1.1260 0.9947	1.0551	1.0632	Ave		1.0679				4.0		15.0			
Indeno[1,2,3-cd]pyrene	1.2972 1.1141	0.9602 1.1599	1.0897 1.1307	1.1376	1.1424	Ave		1.1290				8.2		15.0			
Dibenz(a,h)anthracene	0.9137 0.8827	0.8153 0.9521	0.8882 0.9091	0.8896	0.9247	Ave		0.8970				4.5		15.0			
Benzo[g,h,i]perylene	1.1209 1.0033	0.9793 1.0320	0.9431 0.9880	1.0065	1.0346	Ave		1.0135				5.2		15.0			
2-Fluorophenol	0.7945 1.1111	0.8966 1.1255	1.1276 1.1315	1.1284	1.1014	Ave		1.0521				12.0		15.0			
Phenol-d5	1.6609 1.3964	1.2360 1.3333	1.2034 1.3704	1.3572	1.4921	Ave		1.3812				10.0		15.0			
Nitrobenzene-d5	0.3203 0.2870	0.2730 0.2858	0.2346 0.2709	0.3083	0.2888	Ave		0.2836				9.1		15.0			
2-Fluorobiphenyl	1.3098 1.4139	1.3332 1.3449	1.4394 1.1746	1.3916	1.5082	Ave		1.3644				7.3		15.0			
2,4,6-Tribromophenol	+++++ 0.1975	0.1620 0.2058	0.1844 0.2025	0.1791	0.1923	Ave		0.1891				8.1		15.0			
Terphenyl-d14	0.8708 1.0079	0.9864 1.0093	1.0465 0.8462	1.0537	1.0176	Ave		0.9798				8.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-80068/3	FT003870.D
Level 2	IC 580-80068/4	FT003871.D
Level 3	IC 580-80068/5	FT003872.D
Level 4	IC 580-80068/6	FT003873.D
Level 5	IC 580-80068/7	FT003874.D
Level 6	ICIS 580-80068/8	FT003875.D
Level 7	IC 580-80068/9	FT003876.D
Level 8	IC 580-80068/10	FT003877.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Atrazine	ANT	Ave	+++++ +++++	+++++ 598704	+++++ +++++	+++++	+++++	+++++ +++++	+++++ 2000	+++++ +++++	+++++	+++++
N-Nitrosodimethylamine	DCB	Ave	12113 558043	33096 1096283	59455 2373285	100013	273887	100 5000	250 10000	500 25000	1000	2500
Pyridine	DCB	Ave	17638 1094209	55450 2101676	104762 4645638	208519	516213	100 5000	250 10000	500 25000	1000	2500
Cyclohexanone	DCB	Ave	5094 212465	14585 444590	24322 993732	41003	105548	20.0 1000	50.0 2000	100 5000	200	500
Aniline	DCB	Ave	+++++ 479493	20843 986608	41708 2232922	86437	230069	+++++ 1000	50.0 2000	100 5000	200	500
Phenol	DCB	Ave	9036 420244	22002 883918	52413 2025590	79564	203898	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethyl)ether	DCB	Ave	7443 436344	25281 876960	40163 1910763	81297	219036	20.0 1000	50.0 2000	100 5000	200	500
2-Chlorophenol	DCB	Ave	10997 432095	21504 957002	42963 2126523	84764	230495	20.0 1000	50.0 2000	100 5000	200	500
n-Decane	DCB	Ave	7757 305083	21512 686884	34194 1491129	64795	147480	20.0 1000	50.0 2000	100 5000	200	500
1,3-Dichlorobenzene	DCB	Ave	10580 517782	29656 1047224	54475 2318486	100290	239298	20.0 1000	50.0 2000	100 5000	200	500
1,4-Dichlorobenzene	DCB	Ave	9156 584201	34622 1169910	57754 2540281	104064	293161	20.0 1000	50.0 2000	100 5000	200	500
Benzyl alcohol	DCB	Ave	4505 233877	11037 510856	24486 1229716	32950	112216	20.0 1000	50.0 2000	100 5000	200	500
1,2-Dichlorobenzene	DCB	Ave	9166 515852	29870 1071077	55828 2327685	103613	257902	20.0 1000	50.0 2000	100 5000	200	500
2-Methylphenol	DCB	Ave	5723 365576	20129 776416	33295 1798616	68662	191068	20.0 1000	50.0 2000	100 5000	200	500
2,2'-oxybis[1-chloropropane]	DCB	Ave	8384 374879	20057 774901	34838 1738377	75133	186713	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzoic acid	NPT	Qua1	+++++ 725441	4863 2005589	22641 5207714	77954	279876	+++++ 5000	250 10000	500 25000	1000	2500
3 & 4 Methylphenol	DCB	Ave	8017 402697	19351 785675	35623 1852222	74493	181385	20.0 1000	50.0 2000	100 5000	200	500
N-Nitrosodi-n-propylamine	DCB	Ave	4920 233697	13509 458718	24103 1083057	46591	109468	20.0 1000	50.0 2000	100 5000	200	500
Acetophenone	DCB	Ave	11360 473869	26431 1045609	51406 2325851	98730	258777	20.0 1000	50.0 2000	100 5000	200	500
Hexachloroethane	DCB	Ave	3724 189080	9277 371596	17747 858052	35050	92533	20.0 1000	50.0 2000	100 5000	200	500
Nitrobenzene	NPT	Ave	5995 324696	18539 703513	35289 1559926	65573	169202	20.0 1000	50.0 2000	100 5000	200	500
Isophorone	NPT	Ave	12656 644521	34554 1268767	65084 2790246	122956	307323	20.0 1000	50.0 2000	100 5000	200	500
2-Nitrophenol	NPT	Ave	3314 239497	12444 498880	22569 1214934	41520	112790	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dimethylphenol	NPT	Ave	+++++ 369390	15432 721030	33879 1695016	63924	179532	+++++ 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethoxy)methane	NPT	Ave	11420 441921	18555 891334	41171 1989103	78387	207864	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dichlorophenol	NPT	Ave	6947 373900	16119 816190	35453 1792808	73831	188386	20.0 1000	50.0 2000	100 5000	200	500
1,2,4-Trichlorobenzene	NPT	Ave	9924 488783	22222 994774	45043 2216000	94415	240011	20.0 1000	50.0 2000	100 5000	200	500
Naphthalene	NPT	Ave	25887 1264504	67765 2498091	138826 5053318	272372	662102	20.0 1000	50.0 2000	100 5000	200	500
4-Chloroaniline	NPT	Ave	8793 454880	21060 1015120	50010 2271669	88711	235048	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorobutadiene	NPT	Ave	4784 282232	15581 575448	26217 1296298	54969	145295	20.0 1000	50.0 2000	100 5000	200	500
4-Chloro-3-methylphenol	NPT	Ave	5237 272665	17557 595268	28522 1365767	57575	132311	20.0 1000	50.0 2000	100 5000	200	500
2-Methylnaphthalene	NPT	Ave	18848 887415	46969 1714179	101663 3645626	172189	435934	20.0 1000	50.0 2000	100 5000	200	500
1-Methylnaphthalene	NPT	Ave	16472 869907	48032 1728454	98422 3585867	181854	432127	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorocyclopentadiene	ANT	Lin1	3708 268492	8771 599127	19702 1332537	43828	120909	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dinitrophenol	ANT	Qua1	+++++ 381754	3526 1045821	16817 2620608	38806	150874	+++++ 5000	250 10000	500 25000	1000	2500
2,4,6-Trichlorophenol	ANT	Ave	+++++ 283744	13725 606839	25449 1353601	46240	132236	+++++ 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2,3-Dichloroaniline	ANT	Ave	10822 469101	22388 958451	48358 2157607	88488	248124	20.0 1000	50.0 1999	100.0 4998	200	500
2,4,5-Trichlorophenol	ANT	Ave	5296 316659	12004 662467	27495 1538335	57057	150617	20.0 1000	50.0 2000	100 5000	200	500
Biphenyl	ANT	Ave	24749 1062612	56205 2102125	121115 4278835	209089	546142	20.0 1000	50.0 2000	100 5000	200	500
2-Chloronaphthalene	ANT	Ave	15594 858169	46524 1726424	94430 3640627	174216	443272	20.0 1000	50.0 2000	100 5000	200	500
2-Nitroaniline	ANT	Ave	2527 128785	7455 284076	11800 650874	27050	58776	20.0 1000	50.0 2000	100 5000	200	500
Dimethyl phthalate	ANT	Ave	18177 924697	60960 1833265	107155 3765574	183076	472617	20.0 1000	50.0 2000	100 5000	200	500
2,6-Dinitrotoluene	ANT	Ave	3346 225966	13247 485976	21905 1084616	43287	115309	20.0 1000	50.0 2000	100 5000	200	500
Acenaphthylene	ANT	Ave	26872 1274662	68699 2479823	142951 4893851	252294	646350	20.0 1000	50.0 2000	100 5000	200	500
3-Nitroaniline	ANT	Lin1	2683 180254	8662 409005	15410 880542	36990	82562	20.0 1000	50.0 2000	100 5000	200	500
Acenaphthene	ANT	Ave	19278 887612	48372 1717934	92826 3549940	179383	436376	20.0 1000	50.0 2000	100 5000	200	500
4-Nitrophenol	ANT	Lin1	2454 229071	9099 530645	18705 1234686	39435	106627	100 5000	250 10000	500 25000	1000	2500
2,4-Dinitrotoluene	ANT	Ave	5340 272147	9267 582508	25818 1311559	45628	127401	20.0 1000	50.0 2000	100 5000	200	500
Dibenzofuran	ANT	Ave	28303 1178797	65957 2291936	123312 4653183	244570	612039	20.0 1000	50.0 2000	100 5000	200	500
2,3,5,6-Tetrachlorophenol	ANT	Lin1	2456 258740	10089 568647	18347 1296075	45886	111358	20.0 1000	50.0 2000	100 5000	200	500
2,3,4,6-Tetrachlorophenol	ANT	Lin1	4800 279381	11160 590080	18302 1318421	49301	134427	20.0 1000	50.0 2000	100 5000	200	500
Diethyl phthalate	ANT	Ave	+++++ 877420	62926 1673709	98851 3489475	201766	439084	+++++ 1000	50.0 2000	100 5000	200	500
4-Chlorophenyl phenyl ether	ANT	Ave	10515 539176	29166 1084755	58603 2288225	109197	254637	20.0 1000	50.0 2000	100 5000	200	500
Fluorene	ANT	Ave	20858 979164	55483 1996416	109704 4009225	196050	491253	20.0 1000	50.0 2000	100 5000	200	500
4-Nitroaniline	ANT	Lin2	1303 158364	6680 326697	15955 667362	30657	84131	20.0 1000	50.0 2000	100 5000	200	500
4,6-Dinitro-2-methylphenol	PHN	Lin1	4068 642314	17268 1610969	38572 3632432	91767	289634	100 5000	250 10000	500 25000	1000	2500
N-Nitrosodiphenylamine	PHN	Ave	17838 808546	45244 1632960	90837 3383288	159666	426740	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Azobenzene	PHN	Ave	16830 609805	30554 1270826	66621 2743067	126131	324429	20.0 1000	50.0 2000	100 5000	200	500
4-Bromophenyl phenyl ether	PHN	Ave	7560 344183	19765 706935	37738 1618180	63912	169099	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorobenzene	PHN	Ave	10738 424860	25480 887385	48741 1950992	90084	219790	20.0 1000	50.0 2000	100 5000	200	500
Pentachlorophenol	PHN	Lin1	+++++ 161366	+++++ 385929	10129 978007	23717	73873	+++++ 1000	+++++ 2000	100 5000	200	500
Octadecane	PHN	Ave	5363 218944	16160 439850	23034 1007595	42113	102745	20.0 1000	50.0 1999	100.0 4998	200	500
Phenanthrene	PHN	Ave	29986 1280163	76613 2509291	147709 4863886	275057	683390	20.0 1000	50.0 2000	100 5000	200	500
Anthracene	PHN	Ave	33207 1290870	75004 2503322	140917 4881750	262782	672571	20.0 1000	50.0 2000	100 5000	200	500
Carbazole	PHN	Ave	21856 1000561	57705 2044523	121301 3162733	227050	506813	20.0 1000	50.0 2000	100 5000	200	500
Di-n-butyl phthalate	PHN	Ave	36756 1406692	92489 2780701	153311 5232308	302124	750767	20.0 1000	50.0 2000	100 5000	200	500
Fluoranthene	PHN	Ave	30393 1268208	78191 2602342	149526 5039561	284534	669275	20.0 1000	50.0 2000	100 5000	200	500
Benzidine	PHN	Qua2	18299 706237	39086 1316583	92156 1520587	164173	388782	40.0 2000	100 4000	200 10000	400	1000
Pyrene	PHN	Ave	30646 1333760	85103 2807242	164655 5331997	310371	712998	20.0 1000	50.0 2000	100 5000	200	500
Butyl benzyl phthalate	CRY	Ave	16855 556026	33344 1184090	66502 2524834	108749	291869	20.0 1000	50.0 2000	100 5000	200	500
3,3'-Dichlorobenzidine	CRY	Ave	14189 611139	37152 1344762	76306 2452258	131275	329781	40.0 2000	100 4000	200 10000	400	1000
Benzo[a]anthracene	CRY	Ave	27894 1002165	69256 2215106	143997 4305738	234772	494162	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-ethylhexyl) phthalate	CRY	Ave	+++++ 827260	53228 1810476	97901 3722363	171702	448928	+++++ 1000	50.0 2000	100 5000	200	500
Chrysene	CRY	Ave	23655 1000009	62311 2211340	134162 4384104	241204	516147	20.0 1000	50.0 2000	100 5000	200	500
Di-n-octyl phthalate	PRY	Ave	31652 1239908	73868 2673604	138929 5582068	242554	703708	20.0 1000	50.0 2000	100 5000	200	500
Benzo[b]fluoranthene	PRY	Ave	18870 924552	54216 2083299	121957 4004201	207769	476347	20.0 1000	50.0 2000	100 5000	200	500
Benzofluoranthene	PRY	Ave	48342 1853042	117114 4271537	251268 8649651	425385	965154	40.0 2000	100 4000	200 10000	400	1000
Benzo[k]fluoranthene	PRY	Ave	29422 940671	62171 2191054	138645 4730653	216495	489998	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 80068

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 14:42 Calibration End Date: 02/01/2011 16:55 Calibration ID: 7279

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzo[a]pyrene	PRY	Ave	22619 836214	55044 1991804	124378 4101954	192609	431983	20.0 1000	50.0 2000	100 5000	200	500
Indeno[1,2,3-cd]pyrene	PRY	Ave	27014 869784	47338 2241818	120364 4662791	207662	464170	20.0 1000	50.0 2000	100 5000	200	500
Dibenz(a,h)anthracene	PRY	Ave	19027 689159	40196 1840247	98113 3749098	162398	375725	20.0 1000	50.0 2000	100 5000	200	500
Benzo[g,h,i]perylene	PRY	Ave	23342 783247	48278 1994695	104178 4074310	183731	420373	20.0 1000	50.0 2000	100 5000	200	500
2-Fluorophenol	DCB	Ave	5176 361861	15955 788299	37403 1837417	70395	173571	19.8 992	49.6 1984	99.2 4960	198	496
Phenol-d5	DCB	Ave	10674 448570	21696 921130	39376 2194984	83518	231955	19.6 979	48.9 1957	97.9 4893	196	489
Nitrobenzene-d5	NPT	Ave	7916 340379	17046 705754	28942 1570137	71435	170393	19.7 984	49.2 1968	98.4 4920	197	492
2-Fluorobiphenyl	ANT	Ave	19769 1006957	53128 2020780	110073 4146671	202201	546747	19.7 986	49.3 1972	98.6 4930	197	493
2,4,6-Tribromophenol	PHN	Ave	+++++ 213393	9856 463687	21893 1080250	39655	106631	+++++ 985	49.2 1970	98.5 4924	197	492
Terphenyl-d14	PHN	Ave	20645 1072823	59097 2239880	122410 4446659	229856	555789	19.4 970	48.5 1940	97.0 4850	194	485

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81637

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2011 10:37 Calibration End Date: 03/04/2011 12:56 Calibration ID: 7396

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81637/3	FT003987.D
Level 2	IC 580-81637/4	FT003988.D
Level 3	IC 580-81637/5	FT003989.D
Level 4	IC 580-81637/6	FT003990.D
Level 5	ICIS 580-81637/7	FT003991.D
Level 6	IC 580-81637/8	FT003992.D
Level 7	IC 580-81637/9	FT003993.D
Level 8	IC 580-81637/10	FT003994.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	1.0680 1.0901	1.1266 1.0203	1.1732 0.8821	1.1107	1.0581	Ave		1.0661				8.2					
2-Methylnaphthalene	0.4830 0.6328	0.5150 0.6205	0.5437 0.5831	0.5611	0.5958	Ave		0.5669				9.1					
1-Methylnaphthalene	0.6598 0.6827	0.6820 0.6570	0.6517 0.6094	0.6975	0.6630	Ave		0.6629				4.0					
Acenaphthylene	1.7531 1.7655	1.7559 1.6535	1.7021 1.4265	1.7639	1.7597	Ave		1.6975				6.9					
Acenaphthene	1.3289 1.2550	1.3082 1.2029	1.2905 1.0990	1.3023	1.2585	Ave		1.2557				5.9					
Fluorene	1.3494 1.4309	1.3238 1.2887	1.2722 1.2030	1.2840	1.3922	Ave		1.3180				5.5					
Pentachlorophenol	0.2480 0.1953	0.1666 0.2035	0.1049 0.2400	0.0916	0.1774	Lin1	-1.777	0.1961							0.9900		
Phenanthrene	1.0122 1.2105	1.0384 1.1351	1.1035 0.9617	1.1314	1.1746	Ave		1.0959				7.8					
Anthracene	1.4053 1.3044	1.4637 1.2077	1.2928 1.0268	1.2606	1.2569	Ave		1.2773				10.0					
Fluoranthene	1.1254 1.2771	1.1284 1.2377	1.1834 1.0636	1.0870	1.1759	Ave		1.1598				6.3					
Pyrene	1.2460 1.4164	1.2702 1.3371	1.3115 1.1315	1.1953	1.2800	Ave		1.2735				6.8					
Benzo[a]anthracene	0.9228 1.0364	0.8565 1.0650	0.8557 0.9461	0.9818	1.0958	Ave		0.9700				9.4					
Chrysene	1.4972 1.2469	1.5017 1.1118	1.4725 0.9563	1.3726	1.2567	Ave		1.3020				15.0					
Benzo[b]fluoranthene	1.0530 1.2917	1.0209 1.2940	1.1437 1.1290	1.1212	1.2396	Ave		1.1616				8.9					

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81637

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2011 10:37 Calibration End Date: 03/04/2011 12:56 Calibration ID: 7396

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzo[k]fluoranthene	1.8449 1.6153	1.7458 1.6123	1.7962 1.4083	1.7719	1.7162	Ave		1.6888				8.3					
Benzo[a]pyrene	1.0917 1.2746	1.0393 1.2800	1.1066 1.1625	1.1949	1.2172	Ave		1.1708				7.4					
Indeno[1,2,3-cd]pyrene	0.9812 1.2068	0.9902 1.0799	1.0117 1.1752	1.1058	1.0715	Ave		1.0778				7.7					
Dibenz(a,h)anthracene	0.6960 0.9919	0.8197 0.8991	0.7971 0.9739	0.9060	0.8523	Ave		0.8670				11.0					
Benzo[g,h,i]perylene	0.9703 1.0745	0.9981 0.9502	1.0287 1.0058	1.0628	0.9646	Ave		1.0069				4.5					
Nitrobenzene-d5	0.3091 0.3052	0.2422 0.3172	0.3231 0.3175	0.2920	0.3034	Ave		0.3012				8.6					
2-Fluorobiphenyl	1.4021 1.4332	1.1145 1.3521	1.4744 1.2122	1.4896	1.4630	Ave		1.3676				9.9					
2,4,6-Tribromophenol	0.1785 0.3193	0.1696 0.3150	0.2289 0.3320	0.2433	0.2901	Lin1	-1.514	0.3237							0.9980		
Terphenyl-d14	0.7740 1.0108	0.7915 0.9769	0.8709 0.8882	0.7883	0.8996	Ave		0.8750				10.0					

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81637

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2011 10:37 Calibration End Date: 03/04/2011 12:56 Calibration ID: 7396

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81637/3	FT003987.D
Level 2	IC 580-81637/4	FT003988.D
Level 3	IC 580-81637/5	FT003989.D
Level 4	IC 580-81637/6	FT003990.D
Level 5	ICIS 580-81637/7	FT003991.D
Level 6	IC 580-81637/8	FT003992.D
Level 7	IC 580-81637/9	FT003993.D
Level 8	IC 580-81637/10	FT003994.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Naphthalene	NPT	Ave	4723 1142504	9056 2341114	49680 4898284	101579	542223	5.00 1000	10.0 2000	50.0 5000	100	500
2-Methylnaphthalene	NPT	Ave	2136 663235	4140 1423661	23024 3237816	51318	305301	5.00 1000	10.0 2000	50.0 5000	100	500
1-Methylnaphthalene	NPT	Ave	2918 715489	5482 1507594	27595 3384135	63790	339759	5.00 1000	10.0 2000	50.0 5000	100	500
Acenaphthylene	ANT	Ave	4517 1160928	8683 2376156	42937 4883362	94880	544380	5.00 1000	10.0 2000	50.0 5000	100	500
Acenaphthene	ANT	Ave	3424 825236	6469 1728646	32555 3762209	70049	389323	5.00 1000	10.0 2000	50.0 5000	100	500
Fluorene	ANT	Ave	3477 940910	6546 1851990	32093 4118182	69064	430681	5.00 1000	10.0 2000	50.0 5000	100	500
Pentachlorophenol	ANT	Lin1	639 128392	824 292396	2646 821509	4926	54867	5.00 1000	10.0 2000	50.0 5000	100	500
Phenanthrene	PHN	Ave	3818 1201120	7500 2460531	41270 5021297	87641	540652	5.00 1000	10.0 2000	50.0 5000	100	500
Anthracene	PHN	Ave	5301 1294270	10572 2617958	48349 5360928	97646	578502	5.00 1000	10.0 2000	50.0 5000	100	500
Fluoranthene	PHN	Ave	4245 1267255	8150 2682980	44258 5553243	84203	541252	5.00 1000	10.0 2000	50.0 5000	100	500
Pyrene	PHN	Ave	4700 1405404	9174 2898555	49049 5907780	92585	589164	5.00 1000	10.0 2000	50.0 5000	100	500
Benzo[a]anthracene	CRY	Ave	2482 985172	4480 2237129	22835 5064769	43222	365817	5.00 1000	10.0 2000	50.0 5000	100	500
Chrysene	CRY	Ave	4027 1185226	7855 2335279	39294 5119564	60426	419531	5.00 1000	10.0 2000	50.0 5000	100	500
Benzo[b]fluoranthene	PRY	Ave	1935 904206	3497 1821446	21058 4423057	33581	277024	5.00 1000	10.0 2000	50.0 5000	100	500
Benzo[k]fluoranthene	PRY	Ave	3390 1130711	5980 2269467	33072 5517142	53069	383522	5.00 1000	10.0 2000	50.0 5000	100	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81637

SDG No.:

Instrument ID: TAC050 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/04/2011 10:37 Calibration End Date: 03/04/2011 12:56 Calibration ID: 7396

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Benzo[a]pyrene	PRY	Ave	2006 892225	3560 1801718	20374 4554044	35789	272023	5.00 1000	10.0 2000	50.0 5000	100	500
Indeno[1,2,3-cd]pyrene	PRY	Ave	1803 844799	3392 1520133	18628 4603870	33120	239444	5.00 1000	10.0 2000	50.0 5000	100	500
Dibenz(a,h)anthracene	PRY	Ave	1279 694362	2808 1265656	14676 3815367	27136	190468	5.00 1000	10.0 2000	50.0 5000	100	500
Benzo[g,h,i]perylene	PRY	Ave	1783 752137	3419 1337511	18940 3940423	31832	215561	5.00 1000	10.0 2000	50.0 5000	100	500
Nitrobenzene-d5	NPT	Ave	1345 314747	1916 716262	13461 1734728	26276	152993	4.92 984	9.84 1968	49.2 4920	98.4	492
2-Fluorobiphenyl	ANT	Ave	3562 929227	5434 1915931	36674 4091687	79002	446259	4.93 986	9.86 1972	49.3 4930	98.6	493
2,4,6-Tribromophenol	ANT	Lin1	453 206783	826 445790	5686 1119294	12889	88365	4.92 985	9.85 1970	49.2 4924	98.5	492
Terphenyl-d14	PHN	Ave	2832 972935	5545 2054231	31591 4498018	59230	401628	4.85 970	9.70 1940	48.5 4850	97.0	485

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-80068/11 Calibration Date: 02/01/2011 17:14

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT003878.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3371	0.2854		4210	4970	-15.4	25.0
Pyridine	Ave	0.6156	0.5929		4880	5070	-3.7	25.0
Cyclohexanone	Ave	0.6895	0.6113		886	1000	-11.3	25.0
Phenol	Ave	1.311	1.108		836	990	-15.5	25.0
Aniline	Ave	1.351	1.246		925	1000	-7.7	25.0
Bis(2-chloroethyl)ether	Ave	1.269	1.154		909	1000	-9.1	25.0
2-Chlorophenol	Ave	1.366	1.205		866	981	-11.8	25.0
n-Decane	Ave	1.022	0.9812		956	996	-4.0	25.0
1,3-Dichlorobenzene	Ave	1.559	1.424		920	1010	-8.6	25.0
1,4-Dichlorobenzene	Ave	1.692	1.584		935	999	-6.4	25.0
Benzyl alcohol	Ave	0.6814	0.7016		1030	1000	3.0	25.0
1,2-Dichlorobenzene	Ave	1.564	1.433		917	1000	-8.4	25.0
2-Methylphenol	Ave	1.074	1.107		1030	1000	3.0	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.138	1.255		1100	999	10.2	25.0
3 & 4 Methylphenol	Ave	1.145	1.164		1020	1010	1.6	25.0
Acetophenone	Ave	1.536	1.512		988	1000	-1.5	25.0
N-Nitrosodi-n-propylamine	Ave	0.7095	0.6352	0.0500	891	995	-10.5	25.0
Hexachloroethane	Ave	0.5476	0.5127		936	1000	-6.4	25.0
Nitrobenzene	Ave	0.2734	0.2815		1030	1000	3.0	25.0
Isophorone	Ave	0.5145	0.5330		1040	1000	3.6	25.0
2-Nitrophenol	Ave	0.1845	0.2136		1140	987	15.7	25.0
2,4-Dimethylphenol	Ave	0.2808	0.2767		971	986	-1.5	25.0
Benzoic acid	Qua1		0.1118		4410	4980	-11.5	25.0
Bis(2-chloroethoxy)methane	Ave	0.3518	0.3917		1110	1000	11.3	25.0
2,4-Dichlorophenol	Ave	0.2976	0.3073		1020	989	3.3	25.0
1,2,4-Trichlorobenzene	Ave	0.3855	0.3807		988	1000	-1.2	25.0
Naphthalene	Ave	1.046	0.9733		930	1000	-7.0	25.0
4-Chloroaniline	Ave	0.3771	0.3886		1030	1000	3.0	25.0
Hexachlorobutadiene	Ave	0.2255	0.2249		1000	1010	-0.3	25.0
4-Chloro-3-methylphenol	Ave	0.2341	0.2332		980	984	-0.4	25.0
2-Methylnaphthalene	Ave	0.7247	0.7193		998	1000	-0.7	25.0
1-Methylnaphthalene	Ave	0.7137	0.6866		967	1000	-3.8	25.0
Hexachlorocyclopentadiene	Lin1		0.3229	0.0500	880	1000	-12.5	25.0
2,4,6-Trichlorophenol	Ave	0.3586	0.3740		1020	982	4.3	25.0
2,3-Dichloroaniline	Ave	0.6303	0.6072		973	1010	-3.7	25.0
2,4,5-Trichlorophenol	Ave	0.3871	0.4044		1040	992	4.5	25.0
Biphenyl	Ave	1.440	1.398		980	1010	-2.9	25.0
2-Chloronaphthalene	Ave	1.139	1.100		967	1000	-3.4	25.0
2-Nitroaniline	Ave	0.1739	0.1809		1040	998	4.0	25.0
Dimethyl phthalate	Ave	1.268	1.154		912	1000	-9.0	25.0
2,6-Dinitrotoluene	Ave	0.2964	0.3136		1060	1000	5.8	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-80068/11 Calibration Date: 02/01/2011 17:14

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT003878.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.691	1.648		976	1000	-2.5	25.0
3-Nitroaniline	Lin1		0.2766		1110	1000	10.9	25.0
Acenaphthene	Ave	1.176	1.047		890	1000	-11.0	25.0
2,4-Dinitrophenol	Qua1		0.1076	0.0500	4820	4990	-3.5	25.0
4-Nitrophenol	Lin1		0.0664	0.0500	4990	5040	-0.9	25.0
2,4-Dinitrotoluene	Ave	0.3366	0.3819		1130	1000	13.5	25.0
Dibenzofuran	Ave	1.604	1.538		945	986	-4.1	25.0
2,3,5,6-Tetrachlorophenol	Lin1		0.3118		889	1010	-12.3	25.0
2,3,4,6-Tetrachlorophenol	Lin1		0.3723		991	988	0.3	25.0
Diethyl phthalate	Ave	1.240	1.070		863	1000	-13.7	25.0
4-Chlorophenyl phenyl ether	Ave	0.7119	0.7546		1060	1000	6.0	25.0
Fluorene	Ave	1.325	1.201		914	1010	-9.4	25.0
4-Nitroaniline	Lin2		0.2526		1170	1000	17.2	25.0
4,6-Dinitro-2-methylphenol	Lin1		0.1257		4890	5010	-2.5	25.0
N-Nitrosodiphenylamine	Ave	0.7198	0.7119		987	998	-1.1	25.0
Azobenzene	Ave	0.5613	0.5263		925	986	-6.2	25.0
4-Bromophenyl phenyl ether	Ave	0.3060	0.3290		1080	1000	7.5	25.0
Hexachlorobenzene	Ave	0.3978	0.3649		916	999	-8.3	25.0
Pentachlorophenol	Lin1		0.1519		915	982	-6.8	20.0
Octadecane	Ave	0.2025	0.1839		907	1000	-9.2	25.0
Phenanthrene	Ave	1.161	1.118		963	1000	-3.7	25.0
Anthracene	Ave	1.160	1.092		942	1000	-5.9	25.0
Carbazole	Ave	0.8917	0.9406		1050	1000	5.5	25.0
Di-n-butyl phthalate	Ave	1.302	1.193		917	1000	-8.3	25.0
Fluoranthene	Ave	1.178	1.131		962	1000	-4.0	25.0
Benzidine	Qua2		0.3251		2020	2000	0.9	25.0
Pyrene	Ave	1.259	1.226		977	1000	-2.6	25.0
Butyl benzyl phthalate	Ave	0.6241	0.5021		809	1000	-19.5	25.0
3,3'-Dichlorobenzidine	Ave	0.3342	0.3518		2120	2020	5.3	25.0
Benzo[a]anthracene	Ave	1.171	0.996		850	1000	-15.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.9126	0.7628		842	1010	-16.4	25.0
Chrysene	Ave	1.131	1.058		940	1000	-6.4	25.0
Di-n-octyl phthalate	Ave	1.458	1.191		818	1000	-18.3	25.0
Benzo[b]fluoranthene	Ave	1.082	1.055		975	1000	-2.5	25.0
Benzo[k]fluoranthene	Ave	1.226	1.082		883	1000	-11.7	25.0
Benzofluoranthene	Ave	1.147	1.058		1840	2000	-7.8	25.0
Benzo[a]pyrene	Ave	1.068	1.028		962	1000	-3.8	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.129	1.079		958	1000	-4.4	25.0
Dibenz(a,h)anthracene	Ave	0.8970	0.8914		997	1000	-0.6	25.0
Benzo[g,h,i]perylene	Ave	1.013	0.9537		944	1000	-5.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81637/12 Calibration Date: 03/04/2011 14:37

Instrument ID: TAC050 Calib Start Date: 03/04/2011 10:37

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 03/04/2011 12:56

Lab File ID: FT003996.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.066	1.073		1010	1000	0.7	25.0
2-Methylnaphthalene	Ave	0.5669	0.6649		1180	1000	17.3	25.0
1-Methylnaphthalene	Ave	0.6629	0.6698		1020	1000	1.0	25.0
Acenaphthylene	Ave	1.698	1.842		1090	1000	8.5	25.0
Acenaphthene	Ave	1.256	1.220		972	1000	-2.8	25.0
Fluorene	Ave	1.318	1.319		1010	1010	0.0	25.0
Pentachlorophenol	Lin1		0.2196		1110	982	12.9	20.0
Phenanthrene	Ave	1.096	1.184		1080	1000	8.0	25.0
Anthracene	Ave	1.277	1.291		1010	1000	1.1	25.0
Fluoranthene	Ave	1.160	1.275		1100	1000	10.0	25.0
Pyrene	Ave	1.273	1.371		1080	1000	7.6	25.0
Benzo[a]anthracene	Ave	0.9700	1.062		1090	1000	9.4	25.0
Chrysene	Ave	1.302	1.248		963	1000	-4.1	25.0
Benzo[b]fluoranthene	Ave	1.162	1.252		1080	1000	7.8	25.0
Benzo[k]fluoranthene	Ave	1.689	1.692		1000	1000	0.2	25.0
Benzo[a]pyrene	Ave	1.171	1.260		1080	1000	7.6	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.078	1.104		1030	1000	2.4	25.0
Dibenz(a,h)anthracene	Ave	0.8670	0.9050		1050	1000	4.4	25.0
Benzo[g,h,i]perylene	Ave	1.007	0.9870		983	1000	-2.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82194/2 Calibration Date: 03/14/2011 08:56

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004074.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3371	0.3886		5760	5000	15.3	
Pyridine	Ave	0.6156	0.6206		5040	5000	0.8	
Cyclohexanone	Ave	0.6895	0.8067		1170	1000	17.0	
Phenol	Ave	1.311	1.417		1080	1000	8.1	20.0
Aniline	Ave	1.351	1.495		1110	1000	10.7	
Bis(2-chloroethyl)ether	Ave	1.269	1.517		1200	1000	19.6	
2-Chlorophenol	Ave	1.366	1.478		1080	1000	8.2	
n-Decane	Ave	1.022	1.276		1250	1000	24.8	
1,3-Dichlorobenzene	Ave	1.559	1.579		1010	1000	1.3	
1,4-Dichlorobenzene	Ave	1.692	1.846		1090	1000	9.1	20.0
Benzyl alcohol	Ave	0.6814	0.7659		1120	1000	12.4	
1,2-Dichlorobenzene	Ave	1.564	1.608		1030	1000	2.8	
2-Methylphenol	Ave	1.074	1.307		1220	1000	21.7	
2,2'-oxybis[1-chloropropane]	Ave	1.138	1.548		1360	1000	36.0	
3 & 4 Methylphenol	Ave	1.145	1.276		1110	1000	11.4	
N-Nitrosodi-n-propylamine	Ave	0.7095	0.8390	0.0500	1180	1000	18.3	
Acetophenone	Ave	1.536	1.765		1150	1000	14.9	
Hexachloroethane	Ave	0.5476	0.6029		1100	1000	10.1	
Nitrobenzene	Ave	0.2734	0.3450		1260	1000	26.2	
Isophorone	Ave	0.5145	0.5881		1140	1000	14.3	
2-Nitrophenol	Ave	0.1845	0.2194		1190	1000	18.9	20.0
2,4-Dimethylphenol	Ave	0.2808	0.3212		1140	1000	14.4	
Benzoic acid	Qua1		0.1545		5860	5000	17.2	
Bis(2-chloroethoxy)methane	Ave	0.3518	0.4000		1140	1000	13.7	
2,4-Dichlorophenol	Ave	0.2976	0.3094		1040	1000	3.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3855	0.3932		1020	1000	2.0	
Naphthalene	Ave	1.046	1.067		1020	1000	2.0	
4-Chloroaniline	Ave	0.3771	0.3736		991	1000	-0.9	
Hexachlorobutadiene	Ave	0.2255	0.2349		1040	1000	4.1	20.0
4-Chloro-3-methylphenol	Ave	0.2341	0.2636		1130	1000	12.6	20.0
2-Methylnaphthalene	Ave	0.7247	0.7238		999	1000	-0.1	
1-Methylnaphthalene	Ave	0.7137	0.6886		965	1000	-3.5	
Hexachlorocyclopentadiene	Lin1		0.3380	0.0500	916	1000	-8.4	
2,3-Dichloroaniline	Ave	0.6303	0.6532		1040	1000	3.6	
2,4,6-Trichlorophenol	Ave	0.3586	0.3913		1090	1000	9.1	
2,4,5-Trichlorophenol	Ave	0.3871	0.4361		1130	1000	12.7	
Biphenyl	Ave	1.440	1.508		1050	1000	4.7	
2-Chloronaphthalene	Ave	1.139	1.197		1050	1000	5.0	
2-Nitroaniline	Ave	0.1739	0.2559		1470	1000	47.1	
Dimethyl phthalate	Ave	1.268	1.335		1050	1000	5.3	
2,6-Dinitrotoluene	Ave	0.2964	0.3318		1120	1000	12.0	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82194/2 Calibration Date: 03/14/2011 08:56

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004074.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.691	1.793		1060	1000	6.0	
3-Nitroaniline	Lin1		0.2743		1100	1000	10.0	
Acenaphthene	Ave	1.176	1.259		1070	1000	7.1	20.0
2,4-Dinitrophenol	Qua1		0.1239	0.0500	5460	5000	9.3	
4-Nitrophenol	Lin1		0.0850	0.0500	6330	5000	26.5	
2,4-Dinitrotoluene	Ave	0.3366	0.3952		1170	1000	17.4	
Dibenzofuran	Ave	1.604	1.690		1050	1000	5.4	
2,3,5,6-Tetrachlorophenol	Lin1		0.3587		1010	1000	0.6	
2,3,4,6-Tetrachlorophenol	Lin1		0.4096		1100	1000	10.2	
Diethyl phthalate	Ave	1.240	1.350		1090	1000	8.8	
4-Chlorophenyl phenyl ether	Ave	0.7119	0.7242		1020	1000	1.7	
Fluorene	Ave	1.325	1.407		1060	1000	6.1	
4-Nitroaniline	Lin2		0.2128		989	1000	-1.1	
4,6-Dinitro-2-methylphenol	Lin1		0.1268		4920	5000	-1.6	
N-Nitrosodiphenylamine	Ave	0.7198	0.7431		1030	1000	3.2	
Azobenzene	Ave	0.5613	0.6927		1230	1000	23.4	
4-Bromophenyl phenyl ether	Ave	0.3060	0.3002		981	1000	-1.9	
Hexachlorobenzene	Ave	0.3978	0.3726		937	1000	-6.3	
Pentachlorophenol	Lin1		0.1594		973	1000	-2.7	20.0
Octadecane	Ave	0.2025	0.2605		1290	1000	28.6	
Phenanthrene	Ave	1.161	1.176		1010	1000	1.3	
Anthracene	Ave	1.160	1.210		1040	1000	4.4	
Carbazole	Ave	0.8917	0.9569		1070	1000	7.3	
Di-n-butyl phthalate	Ave	1.302	1.311		1010	1000	0.7	
Fluoranthene	Ave	1.178	1.243		1050	1000	5.4	20.0
Benzidine	Qua2		0.1799		1050	2000	-47.7	
Pyrene	Ave	1.259	1.316		1050	1000	4.6	
Butyl benzyl phthalate	Ave	0.6241	0.5780		926	1000	-7.4	
3,3'-Dichlorobenzidine	Ave	0.3342	0.3265		1950	2000	-2.3	
Benzo[a]anthracene	Ave	1.171	1.082		924	1000	-7.6	
Bis(2-ethylhexyl) phthalate	Ave	0.9126	0.8680		951	1000	-4.9	
Chrysene	Ave	1.131	1.165		1030	1000	3.0	
Di-n-octyl phthalate	Ave	1.458	1.507		1030	1000	3.4	20.0
Benzo[b]fluoranthene	Ave	1.082	1.128		1040	1000	4.2	
Benzo[k]fluoranthene	Ave	1.226	1.269		1040	1000	3.5	
Benzofluoranthene	Ave	1.147	1.189		2070	2000	3.6	
Benzo[a]pyrene	Ave	1.068	1.086		1020	1000	1.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.129	1.018		901	1000	-9.9	
Dibenz(a,h)anthracene	Ave	0.8970	0.8262		921	1000	-7.9	
Benzo[g,h,i]perylene	Ave	1.013	0.8480		837	1000	-16.3	
2-Fluorophenol	Ave	1.052	1.238		1170	992	17.6	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82194/2 Calibration Date: 03/14/2011 08:56

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004074.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenol-d5	Ave	1.381	1.544		1090	978	11.8	
Nitrobenzene-d5	Ave	0.2836	0.3273		1140	984	15.4	
2-Fluorobiphenyl	Ave	1.364	1.423		1030	986	4.3	
2,4,6-Tribromophenol	Ave	0.1891	0.2012		1050	985	6.4	
Terphenyl-d14	Ave	0.9798	1.077		1070	970	9.9	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82272/2 Calibration Date: 03/15/2011 08:07

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004106.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.3371	0.3339		4950	5000	-0.9	
Pyridine	Ave	0.6156	0.5540		4500	5000	-10.0	
Cyclohexanone	Ave	0.6895	0.7826		1130	1000	13.5	
Phenol	Ave	1.311	1.223		933	1000	-6.7	20.0
Aniline	Ave	1.351	1.464		1080	1000	8.4	
Bis(2-chloroethyl)ether	Ave	1.269	1.307		1030	1000	3.0	
2-Chlorophenol	Ave	1.366	1.387		1020	1000	1.6	
n-Decane	Ave	1.022	1.059		1040	1000	3.7	
1,3-Dichlorobenzene	Ave	1.559	1.488		954	1000	-4.6	
1,4-Dichlorobenzene	Ave	1.692	1.753		1040	1000	3.6	20.0
Benzyl alcohol	Ave	0.6814	0.6162		904	1000	-9.6	
1,2-Dichlorobenzene	Ave	1.564	1.526		976	1000	-2.4	
2-Methylphenol	Ave	1.074	1.215		1130	1000	13.1	
2,2'-oxybis[1-chloropropane]	Ave	1.138	1.307		1150	1000	14.8	
3 & 4 Methylphenol	Ave	1.145	1.105		965	1000	-3.5	
N-Nitrosodi-n-propylamine	Ave	0.7095	0.7498	0.0500	1060	1000	5.7	
Acetophenone	Ave	1.536	1.623		1060	1000	5.7	
Hexachloroethane	Ave	0.5476	0.5746		1050	1000	4.9	
Nitrobenzene	Ave	0.2734	0.3442		1260	1000	25.9	
Isophorone	Ave	0.5145	0.6002		1170	1000	16.6	
2-Nitrophenol	Ave	0.1845	0.2177		1180	1000	18.0	20.0
2,4-Dimethylphenol	Ave	0.2808	0.3273		1170	1000	16.5	
Benzoic acid	Qua1		0.1551		5880	5000	17.6	
Bis(2-chloroethoxy)methane	Ave	0.3518	0.3834		1090	1000	9.0	
2,4-Dichlorophenol	Ave	0.2976	0.3062		1030	1000	2.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3855	0.3904		1010	1000	1.3	
Naphthalene	Ave	1.046	1.067		1020	1000	2.0	
4-Chloroaniline	Ave	0.3771	0.3786		1000	1000	0.4	
Hexachlorobutadiene	Ave	0.2255	0.2267		1010	1000	0.5	20.0
4-Chloro-3-methylphenol	Ave	0.2341	0.2692		1150	1000	15.0	20.0
2-Methylnaphthalene	Ave	0.7247	0.7035		971	1000	-2.9	
1-Methylnaphthalene	Ave	0.7137	0.7313		1020	1000	2.5	
Hexachlorocyclopentadiene	Lin1		0.3217	0.0500	872	1000	-12.8	
2,3-Dichloroaniline	Ave	0.6303	0.6452		1020	1000	2.3	
2,4,6-Trichlorophenol	Ave	0.3586	0.3937		1100	1000	9.8	
2,4,5-Trichlorophenol	Ave	0.3871	0.4332		1120	1000	11.9	
Biphenyl	Ave	1.440	1.467		1020	1000	1.9	
2-Chloronaphthalene	Ave	1.139	1.170		1030	1000	2.7	
2-Nitroaniline	Ave	0.1739	0.2392		1370	1000	37.5	
Dimethyl phthalate	Ave	1.268	1.312		1040	1000	3.5	
2,6-Dinitrotoluene	Ave	0.2964	0.3182		1070	1000	7.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82272/2 Calibration Date: 03/15/2011 08:07

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004106.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.691	1.802		1070	1000	6.6	
3-Nitroaniline	Lin1		0.2522		1010	1000	1.2	
Acenaphthene	Ave	1.176	1.181		1000	1000	0.5	20.0
2,4-Dinitrophenol	Qua1		0.1248	0.0500	5500	5000	10.0	
4-Nitrophenol	Lin1		0.0907	0.0500	6740	5000	34.9	
2,4-Dinitrotoluene	Ave	0.3366	0.3966		1180	1000	17.8	
Dibenzofuran	Ave	1.604	1.655		1030	1000	3.2	
2,3,5,6-Tetrachlorophenol	Lin1		0.3425		961	1000	-3.9	
2,3,4,6-Tetrachlorophenol	Lin1		0.3927		1060	1000	5.7	
Diethyl phthalate	Ave	1.240	1.246		1000	1000	0.5	
4-Chlorophenyl phenyl ether	Ave	0.7119	0.7476		1050	1000	5.0	
Fluorene	Ave	1.325	1.398		1060	1000	5.5	
4-Nitroaniline	Lin2		0.2463		1140	1000	14.3	
4,6-Dinitro-2-methylphenol	Lin1		0.1272		4940	5000	-1.3	
N-Nitrosodiphenylamine	Ave	0.7198	0.7308		1020	1000	1.5	
Azobenzene	Ave	0.5613	0.6832		1220	1000	21.7	
4-Bromophenyl phenyl ether	Ave	0.3060	0.3030		990	1000	-1.0	
Hexachlorobenzene	Ave	0.3978	0.3772		948	1000	-5.2	
Pentachlorophenol	Lin1		0.1523		933	1000	-6.7	20.0
Octadecane	Ave	0.2025	0.2472		1220	1000	22.0	
Phenanthrene	Ave	1.161	1.196		1030	1000	3.0	
Anthracene	Ave	1.160	1.226		1060	1000	5.7	
Carbazole	Ave	0.8917	0.9760		1090	1000	9.5	
Di-n-butyl phthalate	Ave	1.302	1.324		1020	1000	1.7	
Fluoranthene	Ave	1.178	1.265		1070	1000	7.4	20.0
Benzidine	Qua2		0.2653		1600	2000	-20.0	
Pyrene	Ave	1.259	1.346		1070	1000	6.9	
Butyl benzyl phthalate	Ave	0.6241	0.6034		967	1000	-3.3	
3,3'-Dichlorobenzidine	Ave	0.3342	0.3668		2190	2000	9.7	
Benzo[a]anthracene	Ave	1.171	1.100		939	1000	-6.1	
Bis(2-ethylhexyl) phthalate	Ave	0.9126	0.8818		966	1000	-3.4	
Chrysene	Ave	1.131	1.121		991	1000	-0.9	
Di-n-octyl phthalate	Ave	1.458	1.648		1130	1000	13.1	20.0
Benzo[b]fluoranthene	Ave	1.082	1.098		1020	1000	1.5	
Benzo[k]fluoranthene	Ave	1.226	1.332		1090	1000	8.7	
Benzofluoranthene	Ave	1.147	1.265		2200	2000	10.2	
Benzo[a]pyrene	Ave	1.068	1.072		1000	1000	0.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.129	1.031		913	1000	-8.7	
Dibenz(a,h)anthracene	Ave	0.8970	0.8345		930	1000	-7.0	
Benzo[g,h,i]perylene	Ave	1.013	0.8793		868	1000	-13.2	
2-Fluorophenol	Ave	1.052	1.188		1120	992	12.9	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVIS 580-82272/2 Calibration Date: 03/15/2011 08:07

Instrument ID: TAC050 Calib Start Date: 02/01/2011 14:42

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 16:55

Lab File ID: FT004106.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenol-d5	Ave	1.381	1.505		1070	978	9.0	
Nitrobenzene-d5	Ave	0.2836	0.3346		1160	984	18.0	
2-Fluorobiphenyl	Ave	1.364	1.385		1000	986	1.5	
2,4,6-Tribromophenol	Ave	0.1891	0.2067		1080	985	9.3	
Terphenyl-d14	Ave	0.9798	1.113		1100	970	13.6	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82214/1-A

Matrix: Water | Lab File ID: FT004084.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2011 12:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	ND		3.0	0.50
111-44-4	Bis(2-chloroethyl)ether	ND		2.0	0.50
95-57-8	2-Chlorophenol	ND		2.0	0.50
541-73-1	1,3-Dichlorobenzene	ND		2.0	0.50
106-46-7	1,4-Dichlorobenzene	ND		2.0	0.50
100-51-6	Benzyl alcohol	ND		2.0	0.50
95-50-1	1,2-Dichlorobenzene	ND		2.0	0.50
95-48-7	2-Methylphenol	ND		2.0	0.50
15831-10-4	3 & 4 Methylphenol	ND		4.0	0.50
621-64-7	N-Nitrosodi-n-propylamine	ND		2.0	0.50
67-72-1	Hexachloroethane	ND		3.0	0.50
98-95-3	Nitrobenzene	ND		2.0	0.50
78-59-1	Isophorone	ND		2.0	0.50
88-75-5	2-Nitrophenol	ND		2.0	0.50
105-67-9	2,4-Dimethylphenol	ND		5.0	1.5
65-85-0	Benzoic acid	ND		10	3.0
111-91-1	Bis(2-chloroethoxy)methane	ND		2.0	0.50
120-83-2	2,4-Dichlorophenol	ND		2.0	0.50
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
91-20-3	Naphthalene	ND		2.0	0.50
106-47-8	4-Chloroaniline	ND		2.0	0.50
87-68-3	Hexachlorobutadiene	ND		3.0	0.50
59-50-7	4-Chloro-3-methylphenol	ND		2.0	0.50
91-57-6	2-Methylnaphthalene	ND		1.0	0.10
77-47-4	Hexachlorocyclopentadiene	ND		10	0.50
88-06-2	2,4,6-Trichlorophenol	ND		3.0	0.50
95-95-4	2,4,5-Trichlorophenol	ND		2.0	0.50
91-58-7	2-Chloronaphthalene	ND		0.30	0.10
88-74-4	2-Nitroaniline	ND		2.0	0.50
131-11-3	Dimethyl phthalate	ND		2.0	0.50
208-96-8	Acenaphthylene	ND		0.40	0.10
606-20-2	2,6-Dinitrotoluene	ND		2.0	0.50
99-09-2	3-Nitroaniline	ND		2.0	0.60
83-32-9	Acenaphthene	ND		0.50	0.10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82214/1-A

Matrix: Water | Lab File ID: FT004084.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2011 12:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	ND		25	5.0
100-02-7	4-Nitrophenol	ND		10	5.0
132-64-9	Dibenzofuran	ND		2.0	0.50
121-14-2	2,4-Dinitrotoluene	ND		2.0	0.50
84-66-2	Diethyl phthalate	ND		2.0	0.50
7005-72-3	4-Chlorophenyl phenyl ether	ND		2.0	0.50
86-73-7	Fluorene	ND		0.30	0.10
100-01-6	4-Nitroaniline	ND		3.0	0.50
534-52-1	4,6-Dinitro-2-methylphenol	ND		20	5.0
86-30-6	N-Nitrosodiphenylamine	ND		2.0	0.50
101-55-3	4-Bromophenyl phenyl ether	ND		2.0	0.50
118-74-1	Hexachlorobenzene	ND		2.0	0.50
87-86-5	Pentachlorophenol	ND		3.5	0.50
85-01-8	Phenanthrene	ND		0.40	0.10
120-12-7	Anthracene	ND		0.20	0.050
84-74-2	Di-n-butyl phthalate	ND		2.0	0.65
206-44-0	Fluoranthene	ND		0.25	0.065
129-00-0	Pyrene	ND		0.30	0.065
85-68-7	Butyl benzyl phthalate	ND		3.0	1.0
91-94-1	3,3'-Dichlorobenzidine	ND		10	0.50
56-55-3	Benzo[a]anthracene	ND		0.30	0.10
218-01-9	Chrysene	ND		0.20	0.065
117-81-7	Bis(2-ethylhexyl) phthalate	ND		15	5.9
117-84-0	Di-n-octyl phthalate	ND		2.0	1.0
50-32-8	Benzo[a]pyrene	ND		0.20	0.10
193-39-5	Indeno[1,2,3-cd]pyrene	ND		0.30	0.10
53-70-3	Dibenz(a,h)anthracene	ND		0.30	0.10
191-24-2	Benzo[g,h,i]perylene	ND		0.30	0.10
86-74-8	Carbazole	ND		2.0	0.50
90-12-0	1-Methylnaphthalene	ND		0.40	0.15
205-99-2	Benzo[b]fluoranthene	ND		0.40	0.10
207-08-9	Benzo[k]fluoranthene	ND		0.30	0.10
108-60-1	2,2'-oxybis[1-chloropropane]	ND		2.0	0.50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82214/1-A

Matrix: Water | Lab File ID: FT004084.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2011 12:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	88		20-110
4165-62-2	Phenol-d5	57		10-115
4165-60-0	Nitrobenzene-d5	85		40-110
321-60-8	2-Fluorobiphenyl	81		50-110
118-79-6	2,4,6-Tribromophenol	77		40-125
1718-51-0	Terphenyl-d14	71		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82214/2-A

Matrix: Water | Lab File ID: FT004085.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2011 12:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	6.14		3.0	0.50
111-44-4	Bis(2-chloroethyl)ether	6.66		2.0	0.50
95-57-8	2-Chlorophenol	8.40		2.0	0.50
541-73-1	1,3-Dichlorobenzene	7.69		2.0	0.50
106-46-7	1,4-Dichlorobenzene	7.53		2.0	0.50
100-51-6	Benzyl alcohol	7.10		2.0	0.50
95-50-1	1,2-Dichlorobenzene	8.02		2.0	0.50
95-48-7	2-Methylphenol	9.80		2.0	0.50
15831-10-4	3 & 4 Methylphenol	8.60		4.0	0.50
621-64-7	N-Nitrosodi-n-propylamine	9.59		2.0	0.50
67-72-1	Hexachloroethane	8.06		3.0	0.50
98-95-3	Nitrobenzene	11.1		2.0	0.50
78-59-1	Isophorone	10.9		2.0	0.50
88-75-5	2-Nitrophenol	8.92		2.0	0.50
105-67-9	2,4-Dimethylphenol	9.20		5.0	1.5
65-85-0	Benzoic acid	30.1		10	3.0
111-91-1	Bis(2-chloroethoxy)methane	9.01		2.0	0.50
120-83-2	2,4-Dichlorophenol	8.44		2.0	0.50
120-82-1	1,2,4-Trichlorobenzene	7.87		2.0	0.50
91-20-3	Naphthalene	8.16		2.0	0.50
106-47-8	4-Chloroaniline	3.43		2.0	0.50
87-68-3	Hexachlorobutadiene	8.24		3.0	0.50
59-50-7	4-Chloro-3-methylphenol	9.20		2.0	0.50
91-57-6	2-Methylnaphthalene	8.60		1.0	0.10
77-47-4	Hexachlorocyclopentadiene	6.29	J	10	0.50
88-06-2	2,4,6-Trichlorophenol	8.40		3.0	0.50
95-95-4	2,4,5-Trichlorophenol	9.61		2.0	0.50
91-58-7	2-Chloronaphthalene	8.37		0.30	0.10
88-74-4	2-Nitroaniline	9.95		2.0	0.50
131-11-3	Dimethyl phthalate	8.58		2.0	0.50
208-96-8	Acenaphthylene	8.94		0.40	0.10
606-20-2	2,6-Dinitrotoluene	10.8		2.0	0.50
99-09-2	3-Nitroaniline	9.24		2.0	0.60
83-32-9	Acenaphthene	8.35		0.50	0.10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82214/2-A

Matrix: Water | Lab File ID: FT004085.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2011 12:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	32.3		25	5.0
100-02-7	4-Nitrophenol	35.5		10	5.0
132-64-9	Dibenzofuran	8.46		2.0	0.50
121-14-2	2,4-Dinitrotoluene	11.2		2.0	0.50
84-66-2	Diethyl phthalate	8.50		2.0	0.50
7005-72-3	4-Chlorophenyl phenyl ether	8.38		2.0	0.50
86-73-7	Fluorene	8.21		0.30	0.10
100-01-6	4-Nitroaniline	8.39		3.0	0.50
534-52-1	4,6-Dinitro-2-methylphenol	35.5		20	5.0
86-30-6	N-Nitrosodiphenylamine	8.49		2.0	0.50
101-55-3	4-Bromophenyl phenyl ether	8.55		2.0	0.50
118-74-1	Hexachlorobenzene	8.18		2.0	0.50
87-86-5	Pentachlorophenol	7.36		3.5	0.50
85-01-8	Phenanthrene	8.33		0.40	0.10
120-12-7	Anthracene	8.43		0.20	0.050
84-74-2	Di-n-butyl phthalate	9.04		2.0	0.65
206-44-0	Fluoranthene	8.59		0.25	0.065
129-00-0	Pyrene	8.17		0.30	0.065
85-68-7	Butyl benzyl phthalate	9.11		3.0	1.0
91-94-1	3,3'-Dichlorobenzidine	17.1		10	0.50
56-55-3	Benzo[a]anthracene	7.37		0.30	0.10
218-01-9	Chrysene	8.89		0.20	0.065
117-81-7	Bis(2-ethylhexyl) phthalate	9.06	J	15	5.9
117-84-0	Di-n-octyl phthalate	9.55		2.0	1.0
50-32-8	Benzo[a]pyrene	7.65		0.20	0.10
193-39-5	Indeno[1,2,3-cd]pyrene	7.28		0.30	0.10
53-70-3	Dibenz(a,h)anthracene	7.36		0.30	0.10
191-24-2	Benzo[g,h,i]perylene	7.09		0.30	0.10
86-74-8	Carbazole	8.56		2.0	0.50
90-12-0	1-Methylnaphthalene	8.20		0.40	0.15
205-99-2	Benzo[b]fluoranthene	8.66		0.40	0.10
207-08-9	Benzo[k]fluoranthene	7.69		0.30	0.10
108-60-1	2,2'-oxybis[1-chloropropane]	10.3		2.0	0.50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82214/2-A

Matrix: Water | Lab File ID: FT004085.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2011 12:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82194 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	79		20-110
4165-62-2	Phenol-d5	55		10-115
4165-60-0	Nitrobenzene-d5	82		40-110
321-60-8	2-Fluorobiphenyl	77		50-110
118-79-6	2,4,6-Tribromophenol	79		40-125
1718-51-0	Terphenyl-d14	70		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MS | Lab Sample ID: 580-24953-6 MS

Matrix: Water | Lab File ID: FT004109.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 09:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3.50		2.8	0.47
111-44-4	Bis(2-chloroethyl)ether	8.32		1.9	0.47
95-57-8	2-Chlorophenol	7.09		1.9	0.47
541-73-1	1,3-Dichlorobenzene	7.26		1.9	0.47
106-46-7	1,4-Dichlorobenzene	8.40		1.9	0.47
100-51-6	Benzyl alcohol	5.80		1.9	0.47
95-50-1	1,2-Dichlorobenzene	8.09		1.9	0.47
95-48-7	2-Methylphenol	8.35		1.9	0.47
15831-10-4	3 & 4 Methylphenol	7.37		3.8	0.47
621-64-7	N-Nitrosodi-n-propylamine	8.69		1.9	0.47
67-72-1	Hexachloroethane	8.35		2.8	0.47
98-95-3	Nitrobenzene	10.9		1.9	0.47
78-59-1	Isophorone	11.0		1.9	0.47
88-75-5	2-Nitrophenol	9.71		1.9	0.47
105-67-9	2,4-Dimethylphenol	8.71		4.7	1.4
65-85-0	Benzoic acid	22.9		9.4	2.8
111-91-1	Bis(2-chloroethoxy)methane	8.38		1.9	0.47
120-83-2	2,4-Dichlorophenol	8.09		1.9	0.47
120-82-1	1,2,4-Trichlorobenzene	7.62		1.9	0.47
91-20-3	Naphthalene	8.15		1.9	0.47
106-47-8	4-Chloroaniline	7.86		1.9	0.47
87-68-3	Hexachlorobutadiene	8.21		2.8	0.47
59-50-7	4-Chloro-3-methylphenol	8.95		1.9	0.47
91-57-6	2-Methylnaphthalene	8.11		0.94	0.094
77-47-4	Hexachlorocyclopentadiene	6.14	J	9.4	0.47
88-06-2	2,4,6-Trichlorophenol	8.11		2.8	0.47
95-95-4	2,4,5-Trichlorophenol	9.14		1.9	0.47
91-58-7	2-Chloronaphthalene	8.16		0.28	0.094
88-74-4	2-Nitroaniline	10.5		1.9	0.47
131-11-3	Dimethyl phthalate	8.62		1.9	0.47
208-96-8	Acenaphthylene	8.73		0.38	0.094
606-20-2	2,6-Dinitrotoluene	10.7		1.9	0.47
99-09-2	3-Nitroaniline	8.83		1.9	0.57
83-32-9	Acenaphthene	8.05		0.47	0.094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MS | Lab Sample ID: 580-24953-6 MS

Matrix: Water | Lab File ID: FT004109.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 09:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	41.0		24	4.7
100-02-7	4-Nitrophenol	20.2		9.4	4.7
132-64-9	Dibenzofuran	8.39		1.9	0.47
121-14-2	2,4-Dinitrotoluene	11.4		1.9	0.47
84-66-2	Diethyl phthalate	8.31		1.9	0.47
7005-72-3	4-Chlorophenyl phenyl ether	8.11		1.9	0.47
86-73-7	Fluorene	8.17		0.28	0.094
100-01-6	4-Nitroaniline	9.57		2.8	0.47
534-52-1	4,6-Dinitro-2-methylphenol	39.7		19	4.7
86-30-6	N-Nitrosodiphenylamine	8.25		1.9	0.47
101-55-3	4-Bromophenyl phenyl ether	7.65		1.9	0.47
118-74-1	Hexachlorobenzene	7.63		1.9	0.47
87-86-5	Pentachlorophenol	6.41		3.3	0.47
85-01-8	Phenanthrene	8.00		0.38	0.094
120-12-7	Anthracene	8.50		0.19	0.047
84-74-2	Di-n-butyl phthalate	8.86		1.9	0.61
206-44-0	Fluoranthene	8.71		0.24	0.061
129-00-0	Pyrene	8.39		0.28	0.061
85-68-7	Butyl benzyl phthalate	7.63		2.8	0.94
91-94-1	3,3'-Dichlorobenzidine	16.4		9.4	0.47
56-55-3	Benzo[a]anthracene	7.27		0.28	0.094
218-01-9	Chrysene	7.80		0.19	0.061
117-81-7	Bis(2-ethylhexyl) phthalate	7.91	J	14	5.6
117-84-0	Di-n-octyl phthalate	7.75		1.9	0.94
50-32-8	Benzo[a]pyrene	7.70		0.19	0.094
193-39-5	Indeno[1,2,3-cd]pyrene	7.17		0.28	0.094
53-70-3	Dibenz(a,h)anthracene	7.40		0.28	0.094
191-24-2	Benzo[g,h,i]perylene	6.85		0.28	0.094
86-74-8	Carbazole	9.31		1.9	0.47
90-12-0	1-Methylnaphthalene	7.96		0.38	0.14
205-99-2	Benzo[b]fluoranthene	8.05		0.38	0.094
207-08-9	Benzo[k]fluoranthene	7.55		0.28	0.094
108-60-1	2,2'-oxybis[1-chloropropane]	9.69		1.9	0.47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MS | Lab Sample ID: 580-24953-6 MS

Matrix: Water | Lab File ID: FT004109.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 09:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	54		20-110
4165-62-2	Phenol-d5	36		10-115
4165-60-0	Nitrobenzene-d5	92		40-110
321-60-8	2-Fluorobiphenyl	79		50-110
118-79-6	2,4,6-Tribromophenol	80		40-125
1718-51-0	Terphenyl-d14	70		50-135

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MSD | Lab Sample ID: 580-24953-6 MSD

Matrix: Water | Lab File ID: FT004110.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1050(mL) | Date Analyzed: 03/15/2011 09:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3.80		2.9	0.48
111-44-4	Bis(2-chloroethyl)ether	8.98		1.9	0.48
95-57-8	2-Chlorophenol	8.65		1.9	0.48
541-73-1	1,3-Dichlorobenzene	8.58		1.9	0.48
106-46-7	1,4-Dichlorobenzene	8.97		1.9	0.48
100-51-6	Benzyl alcohol	6.75		1.9	0.48
95-50-1	1,2-Dichlorobenzene	8.87		1.9	0.48
95-48-7	2-Methylphenol	8.82		1.9	0.48
15831-10-4	3 & 4 Methylphenol	7.93		3.8	0.48
621-64-7	N-Nitrosodi-n-propylamine	10.1		1.9	0.48
67-72-1	Hexachloroethane	9.43		2.9	0.48
98-95-3	Nitrobenzene	11.5		1.9	0.48
78-59-1	Isophorone	11.6		1.9	0.48
88-75-5	2-Nitrophenol	9.60		1.9	0.48
105-67-9	2,4-Dimethylphenol	9.04		4.8	1.4
65-85-0	Benzoic acid	22.4		9.5	2.9
111-91-1	Bis(2-chloroethoxy)methane	8.97		1.9	0.48
120-83-2	2,4-Dichlorophenol	8.34		1.9	0.48
120-82-1	1,2,4-Trichlorobenzene	8.21		1.9	0.48
91-20-3	Naphthalene	8.40		1.9	0.48
106-47-8	4-Chloroaniline	7.78		1.9	0.48
87-68-3	Hexachlorobutadiene	8.85		2.9	0.48
59-50-7	4-Chloro-3-methylphenol	9.31		1.9	0.48
91-57-6	2-Methylnaphthalene	8.57		0.95	0.095
77-47-4	Hexachlorocyclopentadiene	7.21	J	9.5	0.48
88-06-2	2,4,6-Trichlorophenol	9.08		2.9	0.48
95-95-4	2,4,5-Trichlorophenol	10.4		1.9	0.48
91-58-7	2-Chloronaphthalene	9.19		0.29	0.095
88-74-4	2-Nitroaniline	11.5		1.9	0.48
131-11-3	Dimethyl phthalate	9.38		1.9	0.48
208-96-8	Acenaphthylene	9.75		0.38	0.095
606-20-2	2,6-Dinitrotoluene	11.5		1.9	0.48
99-09-2	3-Nitroaniline	9.89		1.9	0.57
83-32-9	Acenaphthene	8.99		0.48	0.095

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MSD | Lab Sample ID: 580-24953-6 MSD

Matrix: Water | Lab File ID: FT004110.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1050(mL) | Date Analyzed: 03/15/2011 09:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	49.6		24	4.8
100-02-7	4-Nitrophenol	24.3		9.5	4.8
132-64-9	Dibenzofuran	9.01		1.9	0.48
121-14-2	2,4-Dinitrotoluene	13.3		1.9	0.48
84-66-2	Diethyl phthalate	8.88		1.9	0.48
7005-72-3	4-Chlorophenyl phenyl ether	8.93		1.9	0.48
86-73-7	Fluorene	9.09		0.29	0.095
100-01-6	4-Nitroaniline	11.3		2.9	0.48
534-52-1	4,6-Dinitro-2-methylphenol	42.4		19	4.8
86-30-6	N-Nitrosodiphenylamine	8.45		1.9	0.48
101-55-3	4-Bromophenyl phenyl ether	8.64		1.9	0.48
118-74-1	Hexachlorobenzene	7.61		1.9	0.48
87-86-5	Pentachlorophenol	6.80		3.3	0.48
85-01-8	Phenanthrene	8.39		0.38	0.095
120-12-7	Anthracene	8.64		0.19	0.048
84-74-2	Di-n-butyl phthalate	9.03		1.9	0.62
206-44-0	Fluoranthene	9.06		0.24	0.062
129-00-0	Pyrene	8.75		0.29	0.062
85-68-7	Butyl benzyl phthalate	7.94		2.9	0.95
91-94-1	3,3'-Dichlorobenzidine	18.3		9.5	0.48
56-55-3	Benzo[a]anthracene	7.69		0.29	0.095
218-01-9	Chrysene	8.18		0.19	0.062
117-81-7	Bis(2-ethylhexyl) phthalate	8.47	J	14	5.6
117-84-0	Di-n-octyl phthalate	8.06		1.9	0.95
50-32-8	Benzo[a]pyrene	8.10		0.19	0.095
193-39-5	Indeno[1,2,3-cd]pyrene	7.66		0.29	0.095
53-70-3	Dibenz(a,h)anthracene	8.14		0.29	0.095
191-24-2	Benzo[g,h,i]perylene	7.43		0.29	0.095
86-74-8	Carbazole	9.29		1.9	0.48
90-12-0	1-Methylnaphthalene	8.35		0.38	0.14
205-99-2	Benzo[b]fluoranthene	8.67		0.38	0.095
207-08-9	Benzo[k]fluoranthene	8.02		0.29	0.095
108-60-1	2,2'-oxybis[1-chloropropane]	10.2		1.9	0.48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MSD | Lab Sample ID: 580-24953-6 MSD

Matrix: Water | Lab File ID: FT004110.D

Analysis Method: 8270C | Date Collected: 03/13/2011 09:40

Extract. Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1050(mL) | Date Analyzed: 03/15/2011 09:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82272 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	61		20-110
4165-62-2	Phenol-d5	36		10-115
4165-60-0	Nitrobenzene-d5	96		40-110
321-60-8	2-Fluorobiphenyl	87		50-110
118-79-6	2,4,6-Tribromophenol	86		40-125
1718-51-0	Terphenyl-d14	73		50-135

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Start Date: 02/01/2011 14:10

Analysis Batch Number: 80068 End Date: 02/01/2011 17:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-80068/1		02/01/2011 14:10	1	FT003868.D	ZB-5MS 0.25(mm)
IC 580-80068/3		02/01/2011 14:42	1	FT003870.D	ZB-5MS 0.25(mm)
IC 580-80068/4		02/01/2011 15:01	1	FT003871.D	ZB-5MS 0.25(mm)
IC 580-80068/5		02/01/2011 15:20	1	FT003872.D	ZB-5MS 0.25(mm)
IC 580-80068/6		02/01/2011 15:39	1	FT003873.D	ZB-5MS 0.25(mm)
IC 580-80068/7		02/01/2011 15:58	1	FT003874.D	ZB-5MS 0.25(mm)
ICIS 580-80068/8		02/01/2011 16:17	1	FT003875.D	ZB-5MS 0.25(mm)
IC 580-80068/9		02/01/2011 16:36	1	FT003876.D	ZB-5MS 0.25(mm)
IC 580-80068/10		02/01/2011 16:55	1	FT003877.D	ZB-5MS 0.25(mm)
ICV 580-80068/11		02/01/2011 17:14	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Start Date: 03/04/2011 10:05

Analysis Batch Number: 81637 End Date: 03/04/2011 16:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-81637/1		03/04/2011 10:05	1	FT003985.D	ZB-5MS 0.25(mm)
IC 580-81637/3		03/04/2011 10:37	1	FT003987.D	ZB-5MS 0.25(mm)
IC 580-81637/4		03/04/2011 10:57	1	FT003988.D	ZB-5MS 0.25(mm)
IC 580-81637/5		03/04/2011 11:17	1	FT003989.D	ZB-5MS 0.25(mm)
IC 580-81637/6		03/04/2011 11:37	1	FT003990.D	ZB-5MS 0.25(mm)
ICIS 580-81637/7		03/04/2011 11:57	1	FT003991.D	ZB-5MS 0.25(mm)
IC 580-81637/8		03/04/2011 12:16	1	FT003992.D	ZB-5MS 0.25(mm)
IC 580-81637/9		03/04/2011 12:36	1	FT003993.D	ZB-5MS 0.25(mm)
IC 580-81637/10		03/04/2011 12:56	1	FT003994.D	ZB-5MS 0.25(mm)
ICV 580-81637/12		03/04/2011 14:37	1	FT003996.D	ZB-5MS 0.25(mm)
ZZZZZ		03/04/2011 15:13	1		ZB-5MS 0.25(mm)
ZZZZZ		03/04/2011 15:32	1		ZB-5MS 0.25(mm)
ZZZZZ		03/04/2011 15:52	1		ZB-5MS 0.25(mm)
MDLV 580-79704/1-A		03/04/2011 16:12	1		ZB-5MS 0.25(mm)
MDLV 580-79704/2-A		03/04/2011 16:32	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Start Date: 03/14/2011 08:44

Analysis Batch Number: 82194 End Date: 03/14/2011 18:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-82194/1		03/14/2011 08:44	1	FT004073.D	ZB-5MS 0.25(mm)
CCVIS 580-82194/2		03/14/2011 08:56	1	FT004074.D	ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 09:24	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 09:43	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 10:02	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 10:21	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 10:40	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 11:13	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 11:32	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 11:51	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 12:10	1		ZB-5MS 0.25(mm)
MB 580-82214/1-A		03/14/2011 12:29	1	FT004084.D	ZB-5MS 0.25(mm)
LCS 580-82214/2-A		03/14/2011 12:48	1	FT004085.D	ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 13:07	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 13:26	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 13:45	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 14:04	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 14:23	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 14:42	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 15:01	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 15:20	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 15:39	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 15:58	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 16:17	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 16:36	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 16:55	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 17:14	1		ZB-5MS 0.25(mm)
ZZZZZ		03/14/2011 17:33	1		ZB-5MS 0.25(mm)
580-24953-1	Irrigation Well	03/14/2011 17:52	1	FT004101.D	ZB-5MS 0.25(mm)
580-24953-2	YK-MW-A	03/14/2011 18:11	1	FT004102.D	ZB-5MS 0.25(mm)
580-24953-3	YK-MW-B	03/14/2011 18:30	1	FT004103.D	ZB-5MS 0.25(mm)
580-24953-5	YK-MW-1	03/14/2011 18:49	1	FT004104.D	ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC050 Start Date: 03/15/2011 07:53

Analysis Batch Number: 82272 End Date: 03/15/2011 11:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-82272/1		03/15/2011 07:53	1	FT004105.D	ZB-5MS 0.25(mm)
CCVIS 580-82272/2		03/15/2011 08:07	1	FT004106.D	ZB-5MS 0.25(mm)
PIBLK 580-82272/3		03/15/2011 08:40	1		ZB-5MS 0.25(mm)
580-24953-6	YK-MW-2	03/15/2011 09:03	1	FT004108.D	ZB-5MS 0.25(mm)
580-24953-6 MS	YK-MW-2 MS	03/15/2011 09:22	1	FT004109.D	ZB-5MS 0.25(mm)
580-24953-6 MSD	YK-MW-2 MSD	03/15/2011 09:41	1	FT004110.D	ZB-5MS 0.25(mm)
580-24953-7	YK-MW-3	03/15/2011 10:00	1	FT004111.D	ZB-5MS 0.25(mm)
580-24953-8	YK-MW-4	03/15/2011 10:19	1	FT004112.D	ZB-5MS 0.25(mm)
580-24953-9	YK-MW-5	03/15/2011 10:38	1	FT004113.D	ZB-5MS 0.25(mm)
580-24953-10	YK-MW-6	03/15/2011 10:57	1	FT004114.D	ZB-5MS 0.25(mm)
580-24953-11	YK-MW-7	03/15/2011 11:16	1	FT004115.D	ZB-5MS 0.25(mm)
580-24953-12	YK-MW11	03/15/2011 11:35	1	FT004116.D	ZB-5MS 0.25(mm)
580-24953-13	YK-Equipment Blank	03/15/2011 11:54	1	FT004117.D	ZB-5MS 0.25(mm)

Organic Prep Worksheet

Batch Number: 580-82214
Method: 3510C
Analyst: Brechler, Debbie

Date Open: Mar 14 2011 10:54AM
Batch End: Mar 14 2011 7:00PM

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	8270flspk_00084
MB~580-82214/1		3510C, 8270C		6	1000 mL	10 mL	<2	>11	
LCS~580-82214/2		3510C, 8270C		6	1000 mL	10 mL	<2	>11	500 uL
580-24953-E-1	Irrigation Well	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-2	YK-MW-A	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-3	YK-MW-B	3510C, 8270C	T	7	1040 mL	10 mL	<2	>11	
580-24953-E-5	YK-MW-1	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-6	YK-MW-2	3510C, 8270C	T	7	1050 mL	10 mL	<2	>11	
580-24953-E-6~MS	YK-MW-2	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	500 uL
580-24953-E-6~MSD	YK-MW-2	3510C, 8270C	T	7	1050 mL	10 mL	<2	>11	500 uL
580-24953-E-7	YK-MW-3	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-8	YK-MW-4	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-9	YK-MW-5	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-10	YK-MW-6	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-11	YK-MW-7	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-12	YK-MW11	3510C, 8270C	T	7	1060 mL	10 mL	<2	>11	
580-24953-E-13	YK-Equipment Blank	3510C, 8270C	T	7	1040 mL	10 mL	<2	>11	

Organic Prep Worksheet

Batch Number: 580-82214
Method: 3510C
Analyst: Brechler, Debbie

Date Open: Mar 14 2011 10:54AM
Batch End: Mar 14 2011 7:00PM

Lab ID	Client ID	Method Chain	Basis	8270Surr_00043
MB~580-82214/1		3510C, 8270C		100 uL
LCS~580-82214/2		3510C, 8270C		100 uL
580-24953-E-1	Irrigation Well	3510C, 8270C	T	100 uL
580-24953-E-2	YK-MW-A	3510C, 8270C	T	100 uL
580-24953-E-3	YK-MW-B	3510C, 8270C	T	100 uL
580-24953-E-5	YK-MW-1	3510C, 8270C	T	100 uL
580-24953-E-6	YK-MW-2	3510C, 8270C	T	100 uL
580-24953-E-6~MS	YK-MW-2	3510C, 8270C	T	100 uL
580-24953-E-6~MSD	YK-MW-2	3510C, 8270C	T	100 uL
580-24953-E-7	YK-MW-3	3510C, 8270C	T	100 uL
580-24953-E-8	YK-MW-4	3510C, 8270C	T	100 uL
580-24953-E-9	YK-MW-5	3510C, 8270C	T	100 uL
580-24953-E-10	YK-MW-6	3510C, 8270C	T	100 uL
580-24953-E-11	YK-MW-7	3510C, 8270C	T	100 uL
580-24953-E-12	YK-MW11	3510C, 8270C	T	100 uL
580-24953-E-13	YK-Equipment Blank	3510C, 8270C	T	100 uL

Person's name who did the prep:	Debbie Brechler	Florisil Lot #:	na
Prep Solvent Name:	Mecl2	TBA Lot #:	na
Prep Solvent Lot #:	670768	Copper Lot #:	na
Prep Solvent Volume Used:	250 mL	Sulfuric Acid Lot Number:	na
Person's name who witnessed reagent drop:	NA	ID number of the thermometer:	15-041-1A-3
Acid used for pH adjustment:	1:1H2SO4		
Acid used for pH adjust Lot #:	670776		
Base used for pH adjustment:	10N NaOH		
Base used for pH adjust Lot #:	660497		
Silica Gel Lot Number:	na		
Person's name who did the concentration:	Debbie Brechler		
Exchange Solvent Name:	na		
Exchange Solvent Lot #:	na		
Concentration Start Time:	na		
Concentration End Time:	na		
Na2SO4 Lot Number:	670822		
Uncorrected Temperature:	74-76 Celsius		
Oven, Bath or Block Temperature 1:	72-74		
Sufficient volume for MS/MSD?:	yes		

Organic Prep Worksheet

Batch Number: 580-82214
Method: 3510C
Analyst: Brechler, Debbie

Date Open: Mar 14 2011 10:54AM
Batch End: Mar 14 2011 7:00PM

Lab ID	Client ID	Method Chain	Basis	Comments Analysis comment
MB~580-82214/1		3510C, 8270C		
LCS~580-82214/2		3510C, 8270C		
580-24953-E-1	Irrigation Well	3510C, 8270C	T	
580-24953-E-2	YK-MW-A	3510C, 8270C	T	
580-24953-E-3	YK-MW-B	3510C, 8270C	T	
580-24953-E-5	YK-MW-1	3510C, 8270C	T	
580-24953-E-6	YK-MW-2	3510C, 8270C	T	Possible 2x surrogate.
580-24953-E-6~MS	YK-MW-2	3510C, 8270C	T	Possible 2x surrogate.
580-24953-E-6~MSD	YK-MW-2	3510C, 8270C	T	Possible 2x surrogate.
580-24953-E-7	YK-MW-3	3510C, 8270C	T	Possible 2x surrogate.
580-24953-E-8	YK-MW-4	3510C, 8270C	T	
580-24953-E-9	YK-MW-5	3510C, 8270C	T	
580-24953-E-10	YK-MW-6	3510C, 8270C	T	
580-24953-E-11	YK-MW-7	3510C, 8270C	T	Sample is muddy and there was a very thick emulsion.
580-24953-E-12	YK-MW11	3510C, 8270C	T	
580-24953-E-13	YK-Equipment Blank	3510C, 8270C	T	

Batch Comment: na

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-MR-2 ID: 0.25 (mm) GC Column (2): ZB-MR-1 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
Irrigation Well	580-24953-1	82	86	86	74
YK-MW-A	580-24953-2	88	93	75	64
YK-MW-B	580-24953-3	82	85	45	40
YK-MW-1	580-24953-5	87	92	62	53
YK-MW-2	580-24953-6	92	94	81	68
YK-MW-3	580-24953-7	92	93	87	74
YK-MW-4	580-24953-8	82	86	50	44
YK-MW-5	580-24953-9	72	75	35 X	33 I X
YK-MW-6	580-24953-10	77	84	41	38 I X
YK-MW-7	580-24953-11	66	70	29 X	27 I X
YK-MW11	580-24953-12	77	82	53	48
YK-Equipment Blank	580-24953-13	84	88	42	36 I X
	MB 580-82215/1-A	78	81	86	74
	LCS 580-82215/2-A	75	81	84	73
YK-MW-2 MS	580-24953-6 MS	87	90	73	64
YK-MW-2 MSD	580-24953-6 MSD	89	91	82	70

	QC LIMITS
TCX = Tetrachloro-m-xylene	60-150
DCB = DCB Decachlorobiphenyl	40-135

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: CC155368.D

Lab ID: LCS 580-82215/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	1.00	0.889	89	25-145	
PCB-1260	1.00	0.940	94	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: CC155416.D

Lab ID: 580-24953-6 MS Client ID: YK-MW-2 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
PCB-1016	0.943	ND	0.781	83	25-145	
PCB-1260	0.943	ND	0.857	91	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Level: Low Lab File ID: CC155417.D

Lab ID: 580-24953-6 MSD Client ID: YK-MW-2 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	0.943	0.816	86	4	27	25-145	
PCB-1260	0.943	0.869	92	1	22	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: MB 580-82215/1-A

Matrix: Water Date Extracted: 03/14/2011 10:54

Lab File ID:(1) CC155363.D Lab File ID:(2) CC155363.D

Date Analyzed:(1) 03/14/2011 13:51 Date Analyzed:(2) 03/14/2011 13:51

Instrument ID:(1) TAC042 Instrument ID:(2) TAC042

GC Column:(1) ZB-MR-2 ID: 0.25(mm) GC Column:(2) ZB-MR-1 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 580-82215/2-A	03/14/2011 15:01	03/14/2011 15:01
Irrigation Well	580-24953-1	03/15/2011 11:39	03/15/2011 11:39
YK-MW-A	580-24953-2	03/15/2011 11:53	03/15/2011 11:53
YK-MW-B	580-24953-3	03/15/2011 12:07	03/15/2011 12:07
YK-MW-1	580-24953-5	03/15/2011 12:21	03/15/2011 12:21
YK-MW-2	580-24953-6	03/15/2011 12:35	03/15/2011 12:35
YK-MW-2 MS	580-24953-6 MS	03/15/2011 12:50	03/15/2011 12:50
YK-MW-2 MSD	580-24953-6 MSD	03/15/2011 13:04	03/15/2011 13:04
YK-MW-3	580-24953-7	03/15/2011 13:46	03/15/2011 13:46
YK-MW-4	580-24953-8	03/15/2011 14:00	03/15/2011 14:00
YK-MW-5	580-24953-9	03/15/2011 14:14	03/15/2011 14:14
YK-MW-6	580-24953-10	03/15/2011 14:29	03/15/2011 14:29
YK-MW-7	580-24953-11	03/15/2011 14:43	03/15/2011 14:43
YK-MW11	580-24953-12	03/15/2011 14:57	03/15/2011 14:57
YK-Equipment Blank	580-24953-13	03/15/2011 15:11	03/15/2011 15:11

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVRT 580-82198/2 Date Analyzed: 03/14/2011 10:23

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155353.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.16	7.86	
UPPER LIMIT				3.19	7.89	
LOWER LIMIT				3.13	7.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82198/2		03/14/2011 10:23	CC155353.D	3.16	7.86	
CCV 580-82198/14		03/14/2011 14:19	CC155365.D	3.16	7.86	
CCV 580-82198/25		03/14/2011 16:54	CC155376.D	3.16	7.85	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVRT 580-82198/2 Date Analyzed: 03/14/2011 10:23

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm)

Lab File ID (Standard): CC155353.D Heated Purge: (Y/N) N

Calibration ID: 7348

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.21	7.90	
UPPER LIMIT				3.24	7.93	
LOWER LIMIT				3.18	7.87	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82198/2		03/14/2011 10:23	CC155353.D	3.21	7.90	
MB 580-82215/1-A		03/14/2011 13:51	CC155363.D	3.21	7.90	
CCV 580-82198/14		03/14/2011 14:19	CC155365.D	3.21	7.90	
LCS 580-82215/2-A		03/14/2011 15:01	CC155368.D	3.21	7.90	
CCV 580-82198/25		03/14/2011 16:54	CC155376.D	3.21	7.90	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVRT 580-82292/2 Date Analyzed: 03/15/2011 10:08

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155405.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.16	7.86	
UPPER LIMIT				3.19	7.89	
LOWER LIMIT				3.13	7.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82292/2		03/15/2011 10:08	CC155405.D	3.16	7.86	
CCV 580-82292/15		03/15/2011 13:18	CC155418.D	3.16	7.86	
CCV 580-82292/26		03/15/2011 16:03	CC155429.D	3.17	7.86	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Sample No.: CCVRT 580-82292/2 Date Analyzed: 03/15/2011 10:08

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm)

Lab File ID (Standard): CC155405.D Heated Purge: (Y/N) N

Calibration ID: 7348

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.21	7.90	
UPPER LIMIT				3.24	7.93	
LOWER LIMIT				3.18	7.87	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82292/2		03/15/2011 10:08	CC155405.D	3.21	7.90	
580-24953-1	Irrigation Well	03/15/2011 11:39	CC155411.D	3.21	7.90	
580-24953-2	YK-MW-A	03/15/2011 11:53	CC155412.D	3.21	7.90	
580-24953-3	YK-MW-B	03/15/2011 12:07	CC155413.D	3.21	7.90	
580-24953-5	YK-MW-1	03/15/2011 12:21	CC155414.D	3.21	7.90	
580-24953-6	YK-MW-2	03/15/2011 12:35	CC155415.D	3.21	7.90	
580-24953-6 MS	YK-MW-2 MS	03/15/2011 12:50	CC155416.D	3.21	7.90	
580-24953-6 MSD	YK-MW-2 MSD	03/15/2011 13:04	CC155417.D	3.21	7.90	
CCV 580-82292/15		03/15/2011 13:18	CC155418.D	3.21	7.90	
580-24953-7	YK-MW-3	03/15/2011 13:46	CC155420.D	3.21	7.90	
580-24953-8	YK-MW-4	03/15/2011 14:00	CC155421.D	3.21	7.90	
580-24953-9	YK-MW-5	03/15/2011 14:14	CC155422.D	3.21	7.90	
580-24953-10	YK-MW-6	03/15/2011 14:29	CC155423.D	3.21	7.90	
580-24953-11	YK-MW-7	03/15/2011 14:43	CC155424.D	3.21	7.90	
580-24953-12	YK-MW11	03/15/2011 14:57	CC155425.D	3.21	7.90	
580-24953-13	YK-Equipment Blank	03/15/2011 15:11	CC155426.D	3.21	7.90	
CCV 580-82292/26		03/15/2011 16:03	CC155429.D	3.21	7.90	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MS Lab Sample ID: 580-24953-6 MS

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/15/2011 12:50 Date Analyzed (2): 03/15/2011 12:50

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.89	3.85	3.91	0.662	0.714	9.0
		2	4.09	4.06	4.12	0.730		
		3	4.36	4.33	4.39	0.717		
		4	4.60	4.57	4.63	0.805		
		5	4.82	4.79	4.85	0.655		
	2	1	3.91	3.88	3.94	0.755	0.781	
		2	4.10	4.07	4.13	0.860		
		3	4.40	4.37	4.43	0.847		
		4	4.67	4.64	4.70	0.728		
		5	4.85	4.82	4.88	0.716		
PCB-1260	1	1	5.84	5.80	5.86	0.759	0.787	8.4
		2	6.02	5.99	6.05	0.808		
		3	6.31	6.27	6.33	0.651		
		4	6.79	6.75	6.81	0.902		
		5	7.07	7.04	7.10	0.816		
	2	1	5.89	5.86	5.92	0.854	0.857	
		2	6.13	6.10	6.16	0.811		
		3	6.36	6.33	6.39	0.866		
		4	6.88	6.85	6.91	0.908		
		5	7.10	7.07	7.13	0.845		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MSD Lab Sample ID: 580-24953-6 MSD

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/15/2011 13:04 Date Analyzed (2): 03/15/2011 13:04

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.88	3.85	3.91	0.656	0.724	11.9
		2	4.09	4.06	4.12	0.775		
		3	4.36	4.33	4.39	0.718		
		4	4.60	4.57	4.63	0.798		
		5	4.82	4.79	4.85	0.676		
	2	1	3.91	3.88	3.94	0.766	0.816	
		2	4.10	4.07	4.13	0.859		
		3	4.40	4.37	4.43	0.886		
		4	4.67	4.64	4.70	0.807		
		5	4.85	4.82	4.88	0.760		
PCB-1260	1	1	5.83	5.80	5.86	0.771	0.808	7.2
		2	6.02	5.99	6.05	0.834		
		3	6.31	6.27	6.33	0.652		
		4	6.78	6.75	6.81	0.900		
		5	7.07	7.04	7.10	0.882		
	2	1	5.89	5.86	5.92	0.837	0.869	
		2	6.13	6.10	6.16	0.820		
		3	6.36	6.33	6.39	0.867		
		4	6.88	6.85	6.91	0.940		
		5	7.10	7.07	7.13	0.879		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-7 Lab Sample ID: 580-24953-11

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/15/2011 14:43 Date Analyzed (2): 03/15/2011 14:43

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	5.84	5.80	5.86	0.182	0.24	13.0
		2	6.02	5.99	6.05	0.260		
		3	6.31	6.27	6.33	0.353		
		4	6.78	6.75	6.81	0.174		
		5	7.07	7.04	7.10	0.217		
	2	1	5.89	5.86	5.92	0.197	0.27	
		2	6.13	6.10	6.16	0.295		
		3	6.36	6.33	6.39	0.451		
		4	6.88	6.85	6.91	0.167		
		5	7.10	7.07	7.13	0.240		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82215/2-A

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/14/2011 15:01 Date Analyzed (2): 03/14/2011 15:01

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.89	3.85	3.91	0.727	0.799	
		2	4.09	4.06	4.12	0.805		
		3	4.36	4.33	4.39	0.824		
		4	4.60	4.57	4.63	0.876		
		5	4.82	4.79	4.85	0.763		
	2	1	3.91	3.87	3.93	0.809	0.889	
		2	4.10	4.07	4.13	0.950		
		3	4.40	4.37	4.43	0.965		
		4	4.67	4.63	4.69	0.864		
		5	4.85	4.82	4.88	0.856		
PCB-1260	1	1	5.83	5.80	5.86	0.857	0.884	
		2	6.02	5.99	6.05	0.914		
		3	6.30	6.27	6.33	0.743		
		4	6.78	6.75	6.81	0.983		
		5	7.07	7.04	7.10	0.922		
	2	1	5.89	5.86	5.92	0.912	0.940	
		2	6.13	6.10	6.16	0.896		
		3	6.36	6.33	6.39	0.944		
		4	6.88	6.84	6.90	1.00		
		5	7.09	7.06	7.12	0.951		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: Irrigation Well | Lab Sample ID: 580-24953-1

Matrix: Water | Lab File ID: CC155411.D

Analysis Method: 8082 | Date Collected: 03/12/2011 13:30

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 11:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		60-150
2051-24-3	DCB Decachlorobiphenyl	74		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-A | Lab Sample ID: 580-24953-2

Matrix: Water | Lab File ID: CC155412.D

Analysis Method: 8082 | Date Collected: 03/12/2011 15:40

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 11:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		60-150
2051-24-3	DCB Decachlorobiphenyl	64		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-B | Lab Sample ID: 580-24953-3

Matrix: Water | Lab File ID: CC155413.D

Analysis Method: 8082 | Date Collected: 03/12/2011 17:00

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 12:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		60-150
2051-24-3	DCB Decachlorobiphenyl	40		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-1 | Lab Sample ID: 580-24953-5

Matrix: Water | Lab File ID: CC155414.D

Analysis Method: 8082 | Date Collected: 03/13/2011 09:00

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 12:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92		60-150
2051-24-3	DCB Decachlorobiphenyl	53		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 | Lab Sample ID: 580-24953-6

Matrix: Water | Lab File ID: CC155415.D

Analysis Method: 8082 | Date Collected: 03/13/2011 09:40

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 12:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		60-150
2051-24-3	DCB Decachlorobiphenyl	68		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-3 | Lab Sample ID: 580-24953-7

Matrix: Water | Lab File ID: CC155420.D

Analysis Method: 8082 | Date Collected: 03/13/2011 10:15

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 13:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		60-150
2051-24-3	DCB Decachlorobiphenyl	74		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-4 | Lab Sample ID: 580-24953-8

Matrix: Water | Lab File ID: CC155421.D

Analysis Method: 8082 | Date Collected: 03/13/2011 11:24

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1050(mL) | Date Analyzed: 03/15/2011 14:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.48	0.043
11104-28-2	PCB-1221	ND		0.48	0.059
11141-16-5	PCB-1232	ND		0.48	0.039
53469-21-9	PCB-1242	ND		0.48	0.039
12672-29-6	PCB-1248	ND		0.48	0.068
11097-69-1	PCB-1254	ND		0.48	0.042
11096-82-5	PCB-1260	ND		0.48	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		60-150
2051-24-3	DCB Decachlorobiphenyl	44		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-5 Lab Sample ID: 580-24953-9

Matrix: Water Lab File ID: CC155422.D

Analysis Method: 8082 Date Collected: 03/13/2011 13:55

Extraction Method: 3510C Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) Date Analyzed: 03/15/2011 14:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		60-150
2051-24-3	DCB Decachlorobiphenyl	33	I X	40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-6 | Lab Sample ID: 580-24953-10

Matrix: Water | Lab File ID: CC155423.D

Analysis Method: 8082 | Date Collected: 03/13/2011 14:50

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 14:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		60-150
2051-24-3	DCB Decachlorobiphenyl	38	I X	40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-7 | Lab Sample ID: 580-24953-11

Matrix: Water | Lab File ID: CC155424.D

Analysis Method: 8082 | Date Collected: 03/13/2011 12:01

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 14:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	0.27	J	0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		60-150
2051-24-3	DCB Decachlorobiphenyl	27	I X	40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW11 | Lab Sample ID: 580-24953-12

Matrix: Water | Lab File ID: CC155425.D

Analysis Method: 8082 | Date Collected: 03/13/2011 09:00

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1030(mL) | Date Analyzed: 03/15/2011 14:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.49	0.044
11104-28-2	PCB-1221	ND		0.49	0.060
11141-16-5	PCB-1232	ND		0.49	0.040
53469-21-9	PCB-1242	ND		0.49	0.040
12672-29-6	PCB-1248	ND		0.49	0.069
11097-69-1	PCB-1254	ND		0.49	0.043
11096-82-5	PCB-1260	ND		0.49	0.038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		60-150
2051-24-3	DCB Decachlorobiphenyl	48		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-Equipment Blank | Lab Sample ID: 580-24953-13

Matrix: Water | Lab File ID: CC155426.D

Analysis Method: 8082 | Date Collected: 03/13/2011 15:00

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 15:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		60-150
2051-24-3	DCB Decachlorobiphenyl	36	I X	40-135

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	3.888	3.888	3.888	3.889	3.889	3.889					3.859 - 3.919	3.889
PCB-1016 Peak 2	4.095	4.094	4.095	4.095	4.095	4.095					4.065 - 4.125	4.095
PCB-1016 Peak 3	4.361	4.362	4.362	4.362	4.362	4.362					4.332 - 4.392	4.362
PCB-1016 Peak 4	4.607	4.607	4.608	4.607	4.608	4.607					4.577 - 4.637	4.607
PCB-1016 Peak 5	4.820	4.820	4.820	4.821	4.820	4.820					4.791 - 4.851	4.820
PCB-1260 Peak 1	5.839	5.838	5.839	5.839	5.839	5.838					5.809 - 5.869	5.839
PCB-1260 Peak 2	6.020	6.020	6.019	6.020	6.020	6.019					5.990 - 6.050	6.020
PCB-1260 Peak 3	6.309	6.307	6.308	6.307	6.308	6.307					6.277 - 6.337	6.308
PCB-1260 Peak 4	6.788	6.787	6.788	6.787	6.788	6.787					6.757 - 6.817	6.788
PCB-1260 Peak 5	7.073	7.073	7.073	7.073	7.072	7.072					7.043 - 7.103	7.073
Tetrachloro-m-xylene	3.164	3.164	3.165	3.164	3.165	3.165					3.134 - 3.194	3.165
DCB Decachlorobiphenyl	7.865	7.864	7.864	7.863	7.863	7.863					7.833 - 7.893	7.864

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	27875 23662	29249 22349	27926	25407	Ave		26077.9825				10.0		20.0			
PCB-1016 Peak 2	25470 23835	28208 23859	28476	26083	Ave		25988.5232				7.8		20.0			
PCB-1016 Peak 3	44139 45800	48776 48544	48176	45709	Ave		46857.3058				4.1		20.0			
PCB-1016 Peak 4	30188 20371	28616 19962	25331	22636	Lin1	146717.885	20042.4427							0.9990		0.9900
PCB-1016 Peak 5	28230 24461	28864 24812	28107	26022	Ave		26749.3283				7.1		20.0			
PCB-1260 Peak 1	54758 47041	56238 49045	54450	49613	Ave		51857.3725				7.2		20.0			
PCB-1260 Peak 2	63841 53744	67286 57540	63951	58499	Lin1	148493.329	56281.1935							0.9980		0.9900
PCB-1260 Peak 3	95588 69471	84876 68523	80617	74463	Lin1	336012.896	68674.7075							1.0000		0.9900
PCB-1260 Peak 4	85240 86394	96282 94447	95439	89482	Ave		91214.1143				5.3		20.0			
PCB-1260 Peak 5	73846 64476	77147 69507	73132	68068	Ave		71029.2453				6.4		20.0			
Tetrachloro-m-xylene	974326 1038918	1044749 1082110	1045053	1002126	Ave		1031213.94				3.7		20.0			
DCB Decachlorobiphenyl	1093816 690856	897216 711357	806485	750891	Lin1	409136.133	700316.918							1.0000		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	278750 22349291	584984	1396287	2540653	11831067	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 2	Ave	254704 23858617	564163	1423803	2608289	11917511	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 3	Ave	441393 48543663	975524	2408778	4570926	22899926	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 4	Lin1	301883 19961739	572319	1266546	2263609	10185515	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 5	Ave	282303 24811804	577282	1405358	2602199	12230308	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 1	Ave	547582 49044991	1124750	2722489	4961312	23520322	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 2	Lin1	638411 57539516	1345720	3197554	5849927	26872237	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 3	Lin1	955877 68523469	1697528	4030842	7446307	34735563	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 4	Ave	852404 94446622	1925631	4771966	8948240	43197197	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 5	Ave	738457 69507418	1542931	3656596	6806752	32238182	10.0 1000	20.0	50.0	100	500
Tetrachloro-m-xylene	Ave	974414 108220747	2089686	5225737	10022166	51950600	1.00 100	2.00	5.00	10.0	50.0
DCB Decachlorobiphenyl	Lin1	1093816 71135663	1794432	4032424	7508909	34542815	1.00 100	2.00	5.00	10.0	50.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	3.902	3.903	3.905	3.905	3.905	3.905					3.875 - 3.935	3.904
PCB-1016 Peak 2	4.097	4.097	4.099	4.099	4.099	4.099					4.069 - 4.129	4.098
PCB-1016 Peak 3	4.400	4.400	4.401	4.401	4.401	4.401					4.371 - 4.431	4.401
PCB-1016 Peak 4	4.663	4.663	4.664	4.665	4.665	4.665					4.635 - 4.695	4.664
PCB-1016 Peak 5	4.847	4.848	4.849	4.850	4.850	4.850					4.820 - 4.880	4.849
PCB-1260 Peak 1	5.887	5.888	5.889	5.889	5.889	5.889					5.859 - 5.919	5.889
PCB-1260 Peak 2	6.124	6.125	6.126	6.127	6.126	6.126					6.097 - 6.157	6.126
PCB-1260 Peak 3	6.354	6.354	6.355	6.355	6.355	6.355					6.325 - 6.385	6.355
PCB-1260 Peak 4	6.871	6.872	6.873	6.873	6.873	6.873					6.843 - 6.903	6.873
PCB-1260 Peak 5	7.091	7.091	7.092	7.092	7.092	7.092					7.062 - 7.122	7.092
Tetrachloro-m-xylene	3.208	3.209	3.210	3.210	3.210	3.211					3.180 - 3.240	3.210
DCB Decachlorobiphenyl	7.897	7.897	7.898	7.898	7.898	7.897					7.868 - 7.928	7.898

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	68184 55971	72257 56169	68813	63083	Ave		64079.5843				11.0		20.0			
PCB-1016 Peak 2	78693 56667	76902 57396	69462	64227	Lin1	331269.410	57120.7337							0.9990		0.9900
PCB-1016 Peak 3	120813 117495	132595 126187	132571	125070	Ave		125788.470				4.9		20.0			
PCB-1016 Peak 4	49239 39753	52165 41816	51427	47205	Ave		46933.9233				11.0		20.0			
PCB-1016 Peak 5	58853 52215	63745 53709	62424	57903	Ave		58141.4443				7.9		20.0			
PCB-1260 Peak 1	115669 106137	124339 109877	121637	111227	Ave		114814.417				6.2		20.0			
PCB-1260 Peak 2	208804 164302	197362 172083	189327	171112	Lin1	486089.150	169005.760							0.9990		0.9900
PCB-1260 Peak 3	168957 156422	172897 169161	169668	158041	Ave		165857.466				4.1		20.0			
PCB-1260 Peak 4	208942 205123	228235 220384	220246	206922	Ave		214975.289				4.3		20.0			
PCB-1260 Peak 5	129331 124710	133564 133885	129245	127580	Ave		129718.922				2.7		20.0			
Tetrachloro-m-xylene	2375876 2629839	2614394 2618427	2776373	2650867	Ave		2610962.69				5.0		20.0			
DCB Decachlorobiphenyl	2004490 1885635	2258964 1931649	2137202	1996011	Ave		2035658.48				6.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	681840 56169294	1445136	3440630	6308349	27985661	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 2	Lin1	786925 57396100	1538031	3473104	6422737	28333552	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 3	Ave	1208126 126186742	2651906	6628559	12506998	58747508	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 4	Ave	492387 41816076	1043290	2571349	4720477	19876257	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 5	Ave	588526 53708784	1274903	3121175	5790315	26107741	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 1	Ave	1156691 109876814	2486786	6081863	11122748	53068274	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 2	Lin1	2088038 172082538	3947232	9466360	17111206	82150837	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 3	Ave	1689570 169160554	3457944	8483382	15804057	78210917	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 4	Ave	2089416 220384236	4564699	11012298	20692183	102561579	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 5	Ave	1293313 133884644	2671277	6462225	12757956	62354839	10.0 1000	20.0	50.0	100	500
Tetrachloro-m-xylene	Ave	2376090 261866287	5229259	13883113	26511051	131503798	1.00 100	2.00	5.00	10.0	50.0
DCB Decachlorobiphenyl	Ave	2004490 193164860	4517927	10686012	19960109	94281773	1.00 100	2.00	5.00	10.0	50.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	3.399	3.398	3.398	3.399	3.398	3.398					3.369 - 3.429	3.398
PCB-1221 Peak 2	3.483	3.483	3.483	3.484	3.483	3.483					3.454 - 3.514	3.483
PCB-1221 Peak 3	3.558	3.558	3.559	3.559	3.557	3.558					3.529 - 3.589	3.558
PCB-1254 Peak 1	5.179	5.179	5.179	5.179	5.180	5.179					5.149 - 5.209	5.179
PCB-1254 Peak 2	5.334	5.333	5.334	5.334	5.333	5.333					5.304 - 5.364	5.334
PCB-1254 Peak 3	5.710	5.711	5.711	5.710	5.711	5.710					5.680 - 5.740	5.711
PCB-1254 Peak 4	5.928	5.928	5.928	5.928	5.927	5.927					5.898 - 5.958	5.928
PCB-1254 Peak 5	6.308	6.307	6.308	6.307	6.307	6.307					6.277 - 6.337	6.307

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	11359 11686	11997 10588	12120	11120	Ave		11478.2905				5.0		20.0			
PCB-1221 Peak 2	8905.3 7459.7	7199.2 6747.6	7560.2	7130.4	Lin1	17665.0698	6961.61820							0.9980		0.9900
PCB-1221 Peak 3	29893 26092	28310 24933	28346	27909	Ave		27580.5948				6.4		20.0			
PCB-1254 Peak 1	55626 48077	52597 48682	50580	48924	Ave		50747.4692				5.7		20.0			
PCB-1254 Peak 2	48182 38954	45561 39569	43795	41130	Ave		42865.2110				8.4		20.0			
PCB-1254 Peak 3	61318 59805	62835 61674	59162	59526	Ave		60719.9438				2.4		20.0			
PCB-1254 Peak 4	50615 43531	45982 45188	44897	44255	Ave		45744.5107				5.5		20.0			
PCB-1254 Peak 5	60685 48569	55384 50724	53233	49732	Ave		53054.3935				8.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	113587 10587943	239930	606005	1112027	5843115	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 2	Lin1	89053 6747577	143984	378011	713044	3729840	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 3	Ave	298931 24932501	566205	1417304	2790920	13046219	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 1	Ave	556260 48681609	1051940	2528986	4892362	24038433	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 2	Ave	481824 39568718	911212	2189745	4113028	19477184	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 3	Ave	613175 61673827	1256700	2958120	5952591	29902513	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 4	Ave	506153 45187584	919632	2244828	4425492	21765550	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 5	Ave	606845 50723893	1107678	2661636	4973241	24284469	10.0 1000	20.0	50.0	100	500

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	3.415	3.416	3.415	3.417	3.417	3.416					3.387 - 3.447	3.416
PCB-1221 Peak 2	3.492	3.493	3.493	3.494	3.493	3.493					3.464 - 3.524	3.493
PCB-1221 Peak 3	3.560	3.561	3.560	3.562	3.561	3.561					3.532 - 3.592	3.561
PCB-1254 Peak 1	5.207	5.207	5.208	5.209	5.207	5.207					5.179 - 5.239	5.208
PCB-1254 Peak 2	5.421	5.421	5.421	5.421	5.422	5.421					5.391 - 5.451	5.421
PCB-1254 Peak 3	5.738	5.737	5.738	5.738	5.738	5.738					5.708 - 5.768	5.738
PCB-1254 Peak 4	5.997	5.997	5.997	5.997	5.997	5.997					5.967 - 6.027	5.997
PCB-1254 Peak 5	6.355	6.355	6.355	6.355	6.355	6.356					6.326 - 6.386	6.355

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	36911 27099	32111 25966	30501	27985	Ave		30095.4812				13.0		20.0			
PCB-1221 Peak 2	20314 17050	18891 16310	19245	17369	Ave		18196.3877				8.4		20.0			
PCB-1221 Peak 3	78743 64451	74231 61185	70193	68170	Ave		69495.4135				9.2		20.0			
PCB-1254 Peak 1	101972 76662	92134 80537	89557	77966	Ave		86471.3440				11.0		20.0			
PCB-1254 Peak 2	163638 123051	121599 131363	116065	105346	Ave		126843.537				16.0		20.0			
PCB-1254 Peak 3	155788 131900	143923 137400	143176	132587	Ave		140795.770				6.3		20.0			
PCB-1254 Peak 4	128005 102726	119310 106943	110475	102378	Ave		111639.602				9.1		20.0			
PCB-1254 Peak 5	137750 112313	120563 118455	120046	114483	Ave		120601.615				7.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	369114 25966431	642215	1525049	2798462	13549353	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 2	Ave	203141 16309738	377829	962234	1736878	8524789	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 3	Ave	787425 61185071	1484620	3509642	6816996	32225555	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 1	Ave	1019719 80536872	1842687	4477859	7796608	38330841	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 2	Ave	1636382 131362686	2431983	5803244	10534571	61525297	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 3	Ave	1557882 137400413	2878450	7158819	13258692	65950103	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 4	Ave	1280053 106943230	2386204	5523765	10237788	51362851	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 5	Ave	1377496 118455194	2411264	6002283	11448281	56156613	10.0 1000	20.0	50.0	100	500

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	3.399	3.399	3.398	3.398	3.398	3.398					3.368 - 3.428	3.398
PCB-1232 Peak 2	3.559	3.558	3.558	3.558	3.558	3.558					3.528 - 3.588	3.558
PCB-1232 Peak 3	4.095	4.095	4.094	4.094	4.095	4.094					4.064 - 4.124	4.095
PCB-1232 Peak 4	4.419	4.419	4.419	4.418	4.419	4.418					4.388 - 4.448	4.419
PCB-1232 Peak 5	4.544	4.544	4.544	4.543	4.544	4.544					4.514 - 4.574	4.544
PCB-1262 Peak 1	6.019	6.018	6.018	6.018	6.018	6.017					5.987 - 6.047	6.018
PCB-1262 Peak 2	6.349	6.348	6.348	6.347	6.347	6.348					6.318 - 6.378	6.348
PCB-1262 Peak 3	6.787	6.787	6.787	6.786	6.785	6.786					6.756 - 6.816	6.786
PCB-1262 Peak 4	7.076	7.076	7.076	7.075	7.075	7.076					7.046 - 7.106	7.076
PCB-1262 Peak 5	7.475	7.475	7.475	7.474	7.474	7.475					7.445 - 7.505	7.475

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	8994.0 6897.0	6610.9 7108.6	8264.2	8080.9	Lin1	19164.4721	7074.75010							0.9980		0.9900
PCB-1232 Peak 2	24723 20526	22265 20089	23837	23811	Ave		22541.8913				8.5		20.0			
PCB-1232 Peak 3	11647 11228	10993 11083	12279	13615	Ave		11807.4863				8.5		20.0			
PCB-1232 Peak 4	12253 13555	13179 13371	12255	15510	Ave		13353.6710				8.9		20.0			
PCB-1232 Peak 5	12629 10619	10560 10681	11463	12427	Ave		11396.4503				8.2		20.0			
PCB-1262 Peak 1	48908 42061	42764 41887	47210	49004	Ave		45305.4120				7.6		20.0			
PCB-1262 Peak 2	65420 58858	58508 58873	63977	67989	Ave		62270.8545				6.5		20.0			
PCB-1262 Peak 3	111817 111399	100830 112141	113132	124170	Lin1	-10540.497	112566.316							0.9990		0.9900
PCB-1262 Peak 4	85380 80809	76676 81327	84429	91973	Ave		83432.6947				6.2		20.0			
PCB-1262 Peak 5	37065 35196	32959 35248	37158	40876	Ave		36416.8228				7.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Lin1	89940 7108591	132217	413212	808088	3448519	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 2	Ave	247232 20089252	445304	1191850	2381064	10263028	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 3	Ave	116467 11082618	219866	613961	1361478	5614150	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 4	Ave	122525 13371362	263571	612759	1550968	6777377	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 5	Ave	126294 10680968	211193	573152	1242668	5309482	10.0 1000	20.0	50.0	100	500
PCB-1262 Peak 1	Ave	493966 42305373	863838	2384080	4949416	21240582	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 2	Ave	660740 59461654	1181860	3230849	6866887	29723437	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 3	Lin1	1129356 113262636	2036760	5713150	12541121	56256259	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 4	Ave	862343 82140660	1548855	4263688	9289310	40808780	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 5	Ave	374355 35600050	665777	1876459	4128457	17773898	10.1 1010	20.2	50.5	101	505

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	3.415	3.416	3.416	3.416	3.416	+++++					3.386 - 3.446	3.416
PCB-1232 Peak 2	3.561	3.562	3.561	3.561	3.561	3.561					3.531 - 3.591	3.561
PCB-1232 Peak 3	4.099	4.098	4.098	4.098	4.100	4.098					4.068 - 4.128	4.099
PCB-1232 Peak 4	4.459	4.459	4.459	4.460	4.460	4.459					4.429 - 4.489	4.459
PCB-1232 Peak 5	4.554	4.554	4.553	4.553	4.554	4.553					4.523 - 4.583	4.554
PCB-1262 Peak 1	6.125	6.125	6.125	6.124	6.125	6.125					6.095 - 6.155	6.125
PCB-1262 Peak 2	6.428	6.428	6.428	6.427	6.428	6.428					6.398 - 6.458	6.428
PCB-1262 Peak 3	6.874	6.873	6.873	6.872	6.873	6.873					6.843 - 6.903	6.873
PCB-1262 Peak 4	7.092	7.091	7.091	7.090	7.090	7.091					7.061 - 7.121	7.091
PCB-1262 Peak 5	7.539	7.538	7.539	7.538	7.539	7.538					7.508 - 7.568	7.539

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	14430 16856	26515 +++++	19605	22334	Ave		19948.0480				24.0	*	20.0			
PCB-1232 Peak 2	61663 50136	57868 49904	58197	60200	Ave		56327.8732				9.0		20.0			
PCB-1232 Peak 3	43216 26688	37870 26534	34927	31247	Ave		33413.5835				20.0		20.0			
PCB-1232 Peak 4	37830 31499	33996 31383	37314	37507	Ave		34921.6183				8.7		20.0			
PCB-1232 Peak 5	30679 25790	28878 25514	29351	30244	Ave		28409.4870				7.8		20.0			
PCB-1262 Peak 1	139747 108231	112083 107705	123195	125070	Ave		119338.475				10.0		20.0			
PCB-1262 Peak 2	137613 130766	125377 131307	143639	147901	Ave		136100.660				6.3		20.0			
PCB-1262 Peak 3	266357 269395	244635 271758	277435	300809	Ave		271731.595				6.7		20.0			
PCB-1262 Peak 4	163725 163760	153596 164989	169890	185777	Ave		166956.245				6.4		20.0			
PCB-1262 Peak 5	95547 83730	86140 83664	89078	94603	Ave		88793.6881				5.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	144301 +++++	530307	980225	2233436	8427965	10.0 +++++	20.0	50.0	100	500
PCB-1232 Peak 2	Ave	616628 49904235	1157356	2909839	6019978	25067922	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 3	Ave	432158 26533599	757399	1746357	3124735	13343831	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 4	Ave	378300 31383348	679914	1865723	3750699	15749606	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 5	Ave	306793 25514396	577558	1467544	3024397	12895238	10.0 1000	20.0	50.0	100	500
PCB-1262 Peak 1	Ave	1411440 108781597	2264086	6221354	12632040	54656891	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 2	Ave	1389895 132620275	2532620	7253759	14938009	66036976	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 3	Ave	2690205 274475264	4941635	14010456	30381748	136044677	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 4	Ave	1653625 166638734	3102638	8579439	18763521	82698861	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 5	Ave	965020 84500864	1740032	4498457	9554930	42283423	10.1 1010	20.2	50.5	101	505

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	3.557	3.557	3.558	3.558	3.557	3.558					3.528 - 3.588	3.558
PCB-1242 Peak 2	4.094	4.094	4.094	4.094	4.093	4.094					4.064 - 4.124	4.094
PCB-1242 Peak 3	4.545	4.543	4.543	4.544	4.543	4.544					4.514 - 4.574	4.544
PCB-1242 Peak 4	4.967	4.967	4.966	4.967	4.966	4.967					4.937 - 4.997	4.967
PCB-1242 Peak 5	5.178	5.178	5.178	5.178	5.178	5.178					5.148 - 5.208	5.178

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	24308 14333	16052 13349	16605	16565	Lin1	105659.592	13650.5990							0.9970		0.9900
PCB-1242 Peak 2	20935 19383	22369 18037	22395	23318	Ave		21072.9797				9.6		20.0			
PCB-1242 Peak 3	28793 19316	20849 18101	20892	21469	Ave		21570.0441				17.0		20.0			
PCB-1242 Peak 4	14227 17216	18092 15937	18376	19054	Ave		17150.2575				10.0		20.0			
PCB-1242 Peak 5	22163 23156	24078 21512	24745	25620	Ave		23545.8460				6.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Lin1	243422 13367210	321499	831395	1658827	7176717	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 2	Ave	209645 18062453	448015	1121312	2335098	9704984	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 3	Ave	288332 18126751	417565	1046064	2149917	9671401	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 4	Ave	142466 15959561	362345	920085	1908022	8620138	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 5	Ave	221941 21542605	482234	1238963	2565635	11594423	10.0 1001	20.0	50.1	100	501

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	3.560	3.561	3.561	3.561	3.561	3.562					3.531 - 3.591	3.561
PCB-1242 Peak 2	4.099	4.098	4.098	4.098	4.098	4.099					4.068 - 4.128	4.098
PCB-1242 Peak 3	4.459	4.460	4.460	4.460	4.459	4.459					4.430 - 4.490	4.460
PCB-1242 Peak 4	4.553	4.553	4.553	4.553	4.552	4.553					4.523 - 4.583	4.553
PCB-1242 Peak 5	5.237	5.237	5.236	5.237	5.237	5.237					5.207 - 5.267	5.237

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	55445 34525	40543 32336	40934	41394	Ave		40862.9003				20.0		20.0			
PCB-1242 Peak 2	72774 47148	62440 42890	58327	56528	Ave		56684.5413				19.0		20.0			
PCB-1242 Peak 3	57513 56405	69477 51570	69496	65577	Ave		61673.1135				12.0		20.0			
PCB-1242 Peak 4	52602 46821	62160 42681	52462	51353	Ave		51346.4996				13.0		20.0			
PCB-1242 Peak 5	49816 46793	52778 42215	51491	50378	Ave		48911.7868				7.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	555225 32381740	811997	2049562	4145221	17286555	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 2	Ave	728755 42949854	1250545	2920443	5660754	23607197	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 3	Ave	575936 51642579	1391478	3479660	6566925	28242103	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 4	Ave	526758 42740346	1244935	2626782	5142537	23443201	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 5	Ave	498856 42274010	1057046	2578153	5044825	23429180	10.0 1001	20.0	50.1	100	501

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	4.605	4.605	4.606	4.605	4.605	4.605					4.575 - 4.635	4.605
PCB-1248 Peak 2	4.819	4.818	4.818	4.818	4.818	4.818					4.788 - 4.848	4.818
PCB-1248 Peak 3	5.179	5.178	5.178	5.178	5.178	5.178					5.148 - 5.208	5.178
PCB-1248 Peak 4	5.380	5.380	5.380	5.380	5.380	5.380					5.350 - 5.410	5.380
PCB-1248 Peak 5	5.710	5.709	5.709	5.708	5.709	5.709					5.678 - 5.738	5.709
PCB-1268 Peak 1	7.024	7.024	7.024	7.023	7.024	7.023					6.993 - 7.053	7.024
PCB-1268 Peak 2	7.075	7.075	7.075	7.074	7.075	7.074					7.044 - 7.104	7.075
PCB-1268 Peak 3	7.241	7.242	7.241	7.241	7.243	7.241					7.211 - 7.271	7.242
PCB-1268 Peak 4	7.473	7.473	7.474	7.473	7.473	7.473					7.443 - 7.503	7.473
PCB-1268 Peak 5	7.684	7.684	7.684	7.683	7.684	7.684					7.653 - 7.713	7.684

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	37337 28085	28727 26753	31261	31166	Ave		30554.9670				12.0		20.0			
PCB-1248 Peak 2	44959 33159	32990 31899	35544	35836	Ave		35731.3238				13.0		20.0			
PCB-1248 Peak 3	61826 46414	44966 44545	47168	47496	Ave		48735.8456				13.0		20.0			
PCB-1248 Peak 4	35032 25674	24901 24558	26509	26332	Ave		27167.6866				14.0		20.0			
PCB-1248 Peak 5	39078 20492	19506 19580	21493	21756	Lin1	130004.750	19689.2258							0.9970		0.9900
PCB-1268 Peak 1	144628 130684	118863 125723	132035	133417	Ave		130891.577				6.6		20.0			
PCB-1268 Peak 2	138313 120283	106651 116282	119524	121077	Ave		120354.992				8.5		20.0			
PCB-1268 Peak 3	105553 98950	88069 96458	98750	99859	Ave		97939.8214				5.8		20.0			
PCB-1268 Peak 4	46682 41250	36563 40114	42082	42632	Ave		41553.7696				8.0		20.0			
PCB-1268 Peak 5	235630 245040	194832 249799	223838	246312	Ave		232575.309				8.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	373703 26776773	575066	1564474	3119443	14055258	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 2	Ave	449997 31928064	660403	1778775	3586821	16594634	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 3	Ave	618818 44584755	900139	2360523	4753835	23227966	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 4	Ave	350633 24580547	498459	1326659	2635539	12848729	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 5	Lin1	391131 19597648	390478	1075604	2177518	10255319	10.0 1001	20.0	50.0	100	500
PCB-1268 Peak 1	Ave	1470863 127860441	2417667	6713995	13568470	66452856	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 2	Ave	1406643 118259087	2169275	6077797	12313575	61163667	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 3	Ave	1073470 98097574	1791333	5021444	10155611	50316288	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 4	Ave	474755 40795624	743692	2139891	4335633	20975614	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 5	Ave	2396360 254045537	3962893	11382176	25049960	124602615	10.2 1017	20.3	50.9	102	509

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	4.664	4.665	4.664	4.664	4.664	4.664					4.634 - 4.694	4.664
PCB-1248 Peak 2	4.850	4.849	4.849	4.849	4.848	4.849					4.819 - 4.879	4.849
PCB-1248 Peak 3	5.236	5.236	5.236	5.236	5.237	5.237					5.206 - 5.266	5.236
PCB-1248 Peak 4	5.405	5.405	5.405	5.405	5.404	5.405					5.375 - 5.435	5.405
PCB-1248 Peak 5	5.738	5.738	5.737	5.738	5.738	5.737					5.708 - 5.768	5.738
PCB-1268 Peak 1	7.089	7.089	7.088	7.088	7.088	7.088					7.058 - 7.118	7.088
PCB-1268 Peak 2	7.151	7.150	7.151	7.150	7.151	7.150					7.120 - 7.180	7.151
PCB-1268 Peak 3	7.287	7.287	7.287	7.287	7.288	7.287					7.257 - 7.317	7.287
PCB-1268 Peak 4	7.539	7.540	7.538	7.538	7.538	7.538					7.508 - 7.568	7.539
PCB-1268 Peak 5	7.741	7.741	7.741	7.741	7.741	7.742					7.711 - 7.771	7.741

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	87206 61213	67129 58329	69507	64386	Ave		67961.7434				15.0		20.0			
PCB-1248 Peak 2	106885 75410	78962 71772	83129	78064	Ave		82370.5097				15.0		20.0			
PCB-1248 Peak 3	115133 85151	79023 80290	89346	84809	Ave		88958.4964				15.0		20.0			
PCB-1248 Peak 4	99679 69138	66183 63572	73202	70868	Ave		73773.4304				18.0		20.0			
PCB-1248 Peak 5	98708 45967	43775 43652	49740	46491	Ave		54722.2282				40.0	*	20.0			
PCB-1268 Peak 1	348543 303760	274256 298162	303882	318225	Ave		307804.721				8.0		20.0			
PCB-1268 Peak 2	308538 278344	247314 273110	279633	290209	Ave		279524.470				7.2		20.0			
PCB-1268 Peak 3	258979 236626	210878 230996	236697	247977	Ave		237025.448				6.9		20.0			
PCB-1268 Peak 4	112341 97587	124246 95033	97609	102231	Ave		104840.985				11.0		20.0			
PCB-1268 Peak 5	877504 852815	735652 830367	849038	869849	Ave		835870.985				6.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24953-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	872844 58381222	1343794	3478494	6444417	30634041	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 2	Ave	1069816 71836759	1580662	4160209	7813440	37738910	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 3	Ave	1152363 80361930	1581880	4471333	8488509	42613687	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 4	Ave	997691 63628875	1324842	3663373	7093140	34600012	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 5	Ave	987971 43690961	876293	2489254	4653288	23004099	10.0 1001	20.0	50.0	100	500
PCB-1268 Peak 1	Ave	3544684 303230781	5578370	15452412	32363488	154461804	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 2	Ave	3137827 277752462	5030374	14219337	29514208	141537817	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 3	Ave	2633820 234922495	4289250	12036053	25219241	120324408	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 4	Ave	1142505 96648651	2527154	4963401	10396934	49622740	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 5	Ave	8924214 844483628	14963168	43173599	88463628	433656532	10.2 1017	20.3	50.9	102	509

Curve Type Legend:
Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	26330		101	100	1.0	20.0
PCB-1016 Peak 2	Ave	25989	27076		104	100	4.2	20.0
PCB-1016 Peak 3	Ave	46857	48305		103	100	3.1	20.0
PCB-1016 Peak 4	Lin1		23816		112	100	11.5	20.0
PCB-1016 Peak 5	Ave	26749	27178		102	100	1.6	20.0
PCB-1260 Peak 1	Ave	51857	49784		96.0	100	-4.0	20.0
PCB-1260 Peak 2	Lin1		63725		111	100	10.6	20.0
PCB-1260 Peak 3	Lin1		80425		112	100	12.2	20.0
PCB-1260 Peak 4	Ave	91214	97648		107	100	7.1	20.0
PCB-1260 Peak 5	Ave	71029	74641		105	100	5.1	20.0
Tetrachloro-m-xylene	Ave	1031214	1040209		10.1	10.0	0.9	20.0
DCB Decachlorobiphenyl	Lin1		819555		11.1	10.0	11.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.86	3.92
PCB-1016 Peak 2	4.09	4.07	4.13
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.61	4.58	4.64
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.84	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.31	6.28	6.34
PCB-1260 Peak 4	6.79	6.76	6.82
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	64872		101	100	1.2	20.0
PCB-1016 Peak 2	Lin1		65803		109	100	9.4	20.0
PCB-1016 Peak 3	Ave	125788	133540		106	100	6.2	20.0
PCB-1016 Peak 4	Ave	46934	48812		104	100	4.0	20.0
PCB-1016 Peak 5	Ave	58141	60764		105	100	4.5	20.0
PCB-1260 Peak 1	Ave	114814	117498		102	100	2.3	20.0
PCB-1260 Peak 2	Lin1		183921		106	100	5.9	20.0
PCB-1260 Peak 3	Ave	165857	174576		105	100	5.3	20.0
PCB-1260 Peak 4	Ave	214975	228932		106	100	6.5	20.0
PCB-1260 Peak 5	Ave	129719	141483		109	100	9.1	20.0
Tetrachloro-m-xylene	Ave	2610963	2742650		10.5	10.0	5.0	20.0
DCB Decachlorobiphenyl	Ave	2035658	2243911		11.0	10.0	10.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1101565		10.7	10.0	6.8	20.0
DCB Decachlorobiphenyl	Lin1		782553		10.6	10.0	5.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	11478	12995		113	100	13.2	20.0
PCB-1221 Peak 2	Lin1		8722		123	100	22.7*	20.0
PCB-1221 Peak 3	Ave	27581	29581		107	100	7.3	20.0
PCB-1254 Peak 1	Ave	50747	57436		113	100	13.2	20.0
PCB-1254 Peak 2	Ave	42865	51582		120	100	20.3*	20.0
PCB-1254 Peak 3	Ave	60720	70944		117	100	16.8	20.0
PCB-1254 Peak 4	Ave	45745	44794		97.9	100	-2.1	20.0
PCB-1254 Peak 5	Ave	53054	56594		107	100	6.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.40	3.37	3.43
PCB-1221 Peak 2	3.48	3.45	3.51
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.18	5.15	5.21
PCB-1254 Peak 2	5.33	5.30	5.36
PCB-1254 Peak 3	5.71	5.68	5.74
PCB-1254 Peak 4	5.93	5.90	5.96
PCB-1254 Peak 5	6.31	6.28	6.34

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3006485		11.5	10.0	15.1	20.0
DCB Decachlorobiphenyl	Ave	2035658	2122457		10.4	10.0	4.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	30095	30027		99.8	100	-0.2	20.0
PCB-1221 Peak 2	Ave	18196	21018		116	100	15.5	20.0
PCB-1221 Peak 3	Ave	69495	70513		101	100	1.5	20.0
PCB-1254 Peak 1	Ave	86471	106479		123	100	23.1*	20.0
PCB-1254 Peak 2	Ave	126844	135185		107	100	6.6	20.0
PCB-1254 Peak 3	Ave	140796	161591		115	100	14.8	20.0
PCB-1254 Peak 4	Ave	111640	125851		113	100	12.7	20.0
PCB-1254 Peak 5	Ave	120602	130646		108	100	8.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.42	3.39	3.45
PCB-1221 Peak 2	3.49	3.46	3.52
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.21	5.18	5.24
PCB-1254 Peak 2	5.42	5.39	5.45
PCB-1254 Peak 3	5.74	5.71	5.77
PCB-1254 Peak 4	6.00	5.97	6.03
PCB-1254 Peak 5	6.36	6.33	6.39

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1250502		12.1	10.0	21.3*	20.0
DCB Decachlorobiphenyl	Lin1		865026		11.8	10.0	17.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.17	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 3	Ave	11807	0.0000			100	-100.0*	20.0
PCB-1232 Peak 1	Lin1		7840		108	100	8.1	20.0
PCB-1232 Peak 2	Ave	22542	24504		109	100	8.7	20.0
PCB-1232 Peak 4	Ave	13354	15613		117	100	16.9	20.0
PCB-1232 Peak 5	Ave	11396	15059		132	100	32.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 3	0.00	4.06	4.12
PCB-1232 Peak 1	3.40	3.37	3.43
PCB-1232 Peak 2	3.56	3.53	3.59
PCB-1232 Peak 4	4.42	4.39	4.45
PCB-1232 Peak 5	4.55	4.51	4.57

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3259541		12.5	10.0	24.8*	20.0
DCB Decachlorobiphenyl	Ave	2035658	2328815		11.4	10.0	14.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	19948	17086		85.7	100	-14.3	20.0
PCB-1232 Peak 2	Ave	56328	60682		108	100	7.7	20.0
PCB-1232 Peak 3	Ave	33414	33819		101	100	1.2	20.0
PCB-1232 Peak 4	Ave	34922	28645		82.0	100	-18.0	20.0
PCB-1232 Peak 5	Ave	28409	28645		101	100	0.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 1	3.42	3.39	3.45
PCB-1232 Peak 2	3.56	3.53	3.59
PCB-1232 Peak 3	4.10	4.07	4.13
PCB-1232 Peak 4	4.55	4.43	4.49
PCB-1232 Peak 5	4.55	4.52	4.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1223067		11.9	10.0	18.6	20.0
DCB Decachlorobiphenyl	Lin1		871070		11.9	10.0	18.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0000			100	-100.0*	20.0
PCB-1242 Peak 2	Ave	21073	25433		121	100	20.7*	20.0
PCB-1242 Peak 3	Ave	21570	23343		108	100	8.2	20.0
PCB-1242 Peak 4	Ave	17150	19424		113	100	13.3	20.0
PCB-1242 Peak 5	Ave	23546	27310		116	100	16.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	0.00	3.53	3.59
PCB-1242 Peak 2	4.09	4.06	4.12
PCB-1242 Peak 3	4.54	4.51	4.57
PCB-1242 Peak 4	4.97	4.94	5.00
PCB-1242 Peak 5	5.18	5.15	5.21

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3168245		12.1	10.0	21.3*	20.0
DCB Decachlorobiphenyl	Ave	2035658	2315165		11.4	10.0	13.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	40863	0.0000			100	-100.0*	20.0
PCB-1242 Peak 2	Ave	56685	59715		105	100	5.3	20.0
PCB-1242 Peak 3	Ave	61673	69612		113	100	12.9	20.0
PCB-1242 Peak 4	Ave	51346	54061		105	100	5.3	20.0
PCB-1242 Peak 5	Ave	48912	54270		111	100	11.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	0.00	3.53	3.59
PCB-1242 Peak 2	4.10	4.07	4.13
PCB-1242 Peak 3	4.46	4.43	4.49
PCB-1242 Peak 4	4.55	4.52	4.58
PCB-1242 Peak 5	5.24	5.21	5.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1161696		11.3	10.0	12.7	20.0
DCB Decachlorobiphenyl	Lin1		1518532		21.1	10.0	111.0*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	30555	0.0000			100	-100.0*	20.0
PCB-1248 Peak 2	Ave	35731	0.0000			100	-100.0*	20.0
PCB-1248 Peak 3	Ave	48736	55199		113	100	13.3	20.0
PCB-1248 Peak 4	Ave	27168	30884		114	100	13.7	20.0
PCB-1248 Peak 5	Lin1		22730		109	100	8.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	0.00	4.58	4.64
PCB-1248 Peak 2	0.00	4.79	4.85
PCB-1248 Peak 3	5.18	5.15	5.21
PCB-1248 Peak 4	5.38	5.35	5.41
PCB-1248 Peak 5	5.71	5.68	5.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3035365		11.6	10.0	16.3	20.0
DCB Decachlorobiphenyl	Ave	2035658	3991580		19.6	10.0	96.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	67962	0.0000			100	-100.0*	20.0
PCB-1248 Peak 2	Ave	82371	0.0000			100	-100.0*	20.0
PCB-1248 Peak 3	Ave	88958	103006		116	100	15.8	20.0
PCB-1248 Peak 4	Ave	73773	84472		115	100	14.5	20.0
PCB-1248 Peak 5	Ave	54722	55537		101	100	1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	0.00	4.63	4.69
PCB-1248 Peak 2	0.00	4.82	4.88
PCB-1248 Peak 3	5.24	5.21	5.27
PCB-1248 Peak 4	5.41	5.38	5.44
PCB-1248 Peak 5	5.74	5.71	5.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVRT 580-82198/2 Calibration Date: 03/14/2011 10:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155353.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	22340		85.7	100	-14.3	20.0
PCB-1016 Peak 2	Ave	25989	25472		98.0	100	-2.0	20.0
PCB-1016 Peak 3	Ave	46857	46995		100	100	0.3	20.0
PCB-1016 Peak 4	Lin1		21635		101	100	0.6	20.0
PCB-1016 Peak 5	Ave	26749	25515		95.4	100	-4.6	20.0
PCB-1260 Peak 1	Ave	51857	43089		83.1	100	-16.9	20.0
PCB-1260 Peak 2	Lin1		51950		89.7	100	-10.3	20.0
PCB-1260 Peak 3	Lin1		61345		84.4	100	-15.6	20.0
PCB-1260 Peak 4	Ave	91214	78795		86.4	100	-13.6	20.0
PCB-1260 Peak 5	Ave	71029	59424		83.7	100	-16.3	20.0
Tetrachloro-m-xylene	Ave	1031214	970913		9.42	10.0	-5.8	20.0
DCB Decachlorobiphenyl	Lin1		686436		9.22	10.0	-7.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVRT 580-82198/2 Calibration Date: 03/14/2011 10:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155353.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVRT 580-82198/2 Calibration Date: 03/14/2011 10:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155353.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	57784		90.2	100	-9.8	20.0
PCB-1016 Peak 2	Lin1		61533		102	100	1.9	20.0
PCB-1016 Peak 3	Ave	125788	136030		108	100	8.1	20.0
PCB-1016 Peak 4	Ave	46934	44426		94.7	100	-5.3	20.0
PCB-1016 Peak 5	Ave	58141	54272		93.3	100	-6.7	20.0
PCB-1260 Peak 1	Ave	114814	103671		90.3	100	-9.7	20.0
PCB-1260 Peak 2	Lin1		162449		93.2	100	-6.8	20.0
PCB-1260 Peak 3	Ave	165857	165776		100	100	-0.0	20.0
PCB-1260 Peak 4	Ave	214975	190112		88.4	100	-11.6	20.0
PCB-1260 Peak 5	Ave	129719	110429		85.1	100	-14.9	20.0
Tetrachloro-m-xylene	Ave	2610963	2645517		10.1	10.0	1.3	20.0
DCB Decachlorobiphenyl	Ave	2035658	1727650		8.49	10.0	-15.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVRT 580-82198/2 Calibration Date: 03/14/2011 10:23

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155353.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/3 Calibration Date: 03/14/2011 11:32

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155354.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	11478	23262		203	100	102.7*	20.0
PCB-1221 Peak 2	Lin1		14695		209	100	108.6*	20.0
PCB-1221 Peak 3	Ave	27581	35266		128	100	27.9*	20.0
PCB-1254 Peak 1	Ave	50747	52475		103	100	3.4	20.0
PCB-1254 Peak 2	Ave	42865	44172		103	100	3.0	20.0
PCB-1254 Peak 3	Ave	60720	67085		110	100	10.5	20.0
PCB-1254 Peak 4	Ave	45745	47445		104	100	3.7	20.0
PCB-1254 Peak 5	Ave	53054	61695		116	100	16.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/3 Calibration Date: 03/14/2011 11:32

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155354.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.40	3.37	3.43
PCB-1221 Peak 2	3.48	3.46	3.52
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.18	5.15	5.21
PCB-1254 Peak 2	5.33	5.30	5.36
PCB-1254 Peak 3	5.71	5.68	5.74
PCB-1254 Peak 4	5.93	5.90	5.96
PCB-1254 Peak 5	6.31	6.28	6.34

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/3 Calibration Date: 03/14/2011 11:32

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155354.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	30095	27994		93.0	100	-7.0	20.0
PCB-1221 Peak 2	Ave	18196	17974		98.8	100	-1.2	20.0
PCB-1221 Peak 3	Ave	69495	72105		104	100	3.8	20.0
PCB-1254 Peak 1	Ave	86471	94824		110	100	9.7	20.0
PCB-1254 Peak 2	Ave	126844	140140		110	100	10.5	20.0
PCB-1254 Peak 3	Ave	140796	148947		106	100	5.8	20.0
PCB-1254 Peak 4	Ave	111640	121356		109	100	8.7	20.0
PCB-1254 Peak 5	Ave	120602	125146		104	100	3.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/3 Calibration Date: 03/14/2011 11:32

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155354.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.41	3.39	3.45
PCB-1221 Peak 2	3.49	3.46	3.52
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.21	5.18	5.24
PCB-1254 Peak 2	5.42	5.39	5.45
PCB-1254 Peak 3	5.74	5.71	5.77
PCB-1254 Peak 4	6.00	5.97	6.03
PCB-1254 Peak 5	6.35	6.33	6.39

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/14 Calibration Date: 03/14/2011 14:19

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155365.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	20745		79.6	100	-20.4*	20.0
PCB-1016 Peak 2	Ave	25989	22768		87.6	100	-12.4	20.0
PCB-1016 Peak 3	Ave	46857	41752		89.1	100	-10.9	20.0
PCB-1016 Peak 4	Lin1		19949		92.2	100	-7.8	20.0
PCB-1016 Peak 5	Ave	26749	21497		80.4	100	-19.6	20.0
PCB-1260 Peak 1	Ave	51857	41875		80.8	100	-19.2	20.0
PCB-1260 Peak 2	Lin1		51686		89.2	100	-10.8	20.0
PCB-1260 Peak 3	Lin1		61630		84.8	100	-15.2	20.0
PCB-1260 Peak 4	Ave	91214	77302		84.7	100	-15.3	20.0
PCB-1260 Peak 5	Ave	71029	60222		84.8	100	-15.2	20.0
Tetrachloro-m-xylene	Ave	1031214	954766		9.26	10.0	-7.4	20.0
DCB Decachlorobiphenyl	Lin1		682658		9.16	10.0	-8.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/14 Calibration Date: 03/14/2011 14:19

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155365.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/14 Calibration Date: 03/14/2011 14:19

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155365.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	56845		88.7	100	-11.3	20.0
PCB-1016 Peak 2	Lin1		60602		100	100	0.3	20.0
PCB-1016 Peak 3	Ave	125788	133148		106	100	5.9	20.0
PCB-1016 Peak 4	Ave	46934	42169		89.8	100	-10.2	20.0
PCB-1016 Peak 5	Ave	58141	50771		87.3	100	-12.7	20.0
PCB-1260 Peak 1	Ave	114814	102712		89.5	100	-10.5	20.0
PCB-1260 Peak 2	Lin1		153841		88.2	100	-11.8	20.0
PCB-1260 Peak 3	Ave	165857	163261		98.4	100	-1.6	20.0
PCB-1260 Peak 4	Ave	214975	191602		89.1	100	-10.9	20.0
PCB-1260 Peak 5	Ave	129719	112119		86.4	100	-13.6	20.0
Tetrachloro-m-xylene	Ave	2610963	2629328		10.1	10.0	0.7	20.0
DCB Decachlorobiphenyl	Ave	2035658	1713341		8.42	10.0	-15.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/14 Calibration Date: 03/14/2011 14:19

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155365.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/25 Calibration Date: 03/14/2011 16:54

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155376.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	21294		81.7	100	-18.3	20.0
PCB-1016 Peak 2	Ave	25989	24067		92.6	100	-7.4	20.0
PCB-1016 Peak 3	Ave	46857	44736		95.5	100	-4.5	20.0
PCB-1016 Peak 4	Lin1		20458		94.8	100	-5.2	20.0
PCB-1016 Peak 5	Ave	26749	22560		84.3	100	-15.7	20.0
PCB-1260 Peak 1	Ave	51857	44273		85.4	100	-14.6	20.0
PCB-1260 Peak 2	Lin1		55354		95.7	100	-4.3	20.0
PCB-1260 Peak 3	Lin1		67004		92.7	100	-7.3	20.0
PCB-1260 Peak 4	Ave	91214	85091		93.3	100	-6.7	20.0
PCB-1260 Peak 5	Ave	71029	64612		91.0	100	-9.0	20.0
Tetrachloro-m-xylene	Ave	1031214	989451		9.60	10.0	-4.0	20.0
DCB Decachlorobiphenyl	Lin1		770157		10.4	10.0	4.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/25 Calibration Date: 03/14/2011 16:54

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155376.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.81	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.01	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.85	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/25 Calibration Date: 03/14/2011 16:54

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155376.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	58871		91.9	100	-8.1	20.0
PCB-1016 Peak 2	Lin1		61658		102	100	2.1	20.0
PCB-1016 Peak 3	Ave	125788	133365		106	100	6.0	20.0
PCB-1016 Peak 4	Ave	46934	43460		92.6	100	-7.4	20.0
PCB-1016 Peak 5	Ave	58141	54059		93.0	100	-7.0	20.0
PCB-1260 Peak 1	Ave	114814	109605		95.5	100	-4.5	20.0
PCB-1260 Peak 2	Lin1		170499		98.0	100	-2.0	20.0
PCB-1260 Peak 3	Ave	165857	179807		108	100	8.4	20.0
PCB-1260 Peak 4	Ave	214975	207904		96.7	100	-3.3	20.0
PCB-1260 Peak 5	Ave	129719	122785		94.7	100	-5.3	20.0
Tetrachloro-m-xylene	Ave	2610963	2705778		10.4	10.0	3.6	20.0
DCB Decachlorobiphenyl	Ave	2035658	1868959		9.18	10.0	-8.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82198/25 Calibration Date: 03/14/2011 16:54

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155376.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVRT 580-82292/2 Calibration Date: 03/15/2011 10:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155405.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	19482		74.7	100	-25.3*	20.0
PCB-1016 Peak 2	Ave	25989	22147		85.2	100	-14.8	20.0
PCB-1016 Peak 3	Ave	46857	37511		80.1	100	-19.9	20.0
PCB-1016 Peak 4	Lin1		18946		87.2	100	-12.8	20.0
PCB-1016 Peak 5	Ave	26749	18053		67.5	100	-32.5*	20.0
PCB-1260 Peak 1	Ave	51857	42884		82.7	100	-17.3	20.0
PCB-1260 Peak 2	Lin1		52104		89.9	100	-10.1	20.0
PCB-1260 Peak 3	Lin1		55423		75.8	100	-24.2*	20.0
PCB-1260 Peak 4	Ave	91214	79806		87.5	100	-12.5	20.0
PCB-1260 Peak 5	Ave	71029	60020		84.5	100	-15.5	20.0
Tetrachloro-m-xylene	Ave	1031214	945437		9.17	10.0	-8.3	20.0
DCB Decachlorobiphenyl	Lin1		713116		9.60	10.0	-4.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVRT 580-82292/2 Calibration Date: 03/15/2011 10:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155405.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.30	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVRT 580-82292/2 Calibration Date: 03/15/2011 10:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155405.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	55316		86.3	100	-13.7	20.0
PCB-1016 Peak 2	Lin1		63082		105	100	4.6	20.0
PCB-1016 Peak 3	Ave	125788	124545		99.0	100	-1.0	20.0
PCB-1016 Peak 4	Ave	46934	42942		91.5	100	-8.5	20.0
PCB-1016 Peak 5	Ave	58141	48828		84.0	100	-16.0	20.0
PCB-1260 Peak 1	Ave	114814	107752		93.8	100	-6.2	20.0
PCB-1260 Peak 2	Lin1		155195		89.0	100	-11.0	20.0
PCB-1260 Peak 3	Ave	165857	169639		102	100	2.3	20.0
PCB-1260 Peak 4	Ave	214975	194377		90.4	100	-9.6	20.0
PCB-1260 Peak 5	Ave	129719	110971		85.5	100	-14.5	20.0
Tetrachloro-m-xylene	Ave	2610963	2600545		9.96	10.0	-0.4	20.0
DCB Decachlorobiphenyl	Ave	2035658	1730750		8.50	10.0	-15.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCVRT 580-82292/2 Calibration Date: 03/15/2011 10:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155405.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/3 Calibration Date: 03/15/2011 10:22

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155406.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	11478	13044		114	100	13.6	20.0
PCB-1221 Peak 2	Lin1		8275		116	100	16.3	20.0
PCB-1221 Peak 3	Ave	27581	33755		122	100	22.4*	20.0
PCB-1254 Peak 1	Ave	50747	57264		113	100	12.8	20.0
PCB-1254 Peak 2	Ave	42865	48187		112	100	12.4	20.0
PCB-1254 Peak 3	Ave	60720	69888		115	100	15.1	20.0
PCB-1254 Peak 4	Ave	45745	49275		108	100	7.7	20.0
PCB-1254 Peak 5	Ave	53054	67192		127	100	26.6*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/3 Calibration Date: 03/15/2011 10:22

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155406.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.40	3.37	3.43
PCB-1221 Peak 2	3.48	3.45	3.51
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.18	5.15	5.21
PCB-1254 Peak 2	5.33	5.30	5.36
PCB-1254 Peak 3	5.71	5.68	5.74
PCB-1254 Peak 4	5.92	5.89	5.95
PCB-1254 Peak 5	6.30	6.28	6.34

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/3 Calibration Date: 03/15/2011 10:22

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155406.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	30095	35493		118	100	17.9	20.0
PCB-1221 Peak 2	Ave	18196	22541		124	100	23.9*	20.0
PCB-1221 Peak 3	Ave	69495	82770		119	100	19.1	20.0
PCB-1254 Peak 1	Ave	86471	112431		130	100	30.0*	20.0
PCB-1254 Peak 2	Ave	126844	167930		132	100	32.4*	20.0
PCB-1254 Peak 3	Ave	140796	174225		124	100	23.7*	20.0
PCB-1254 Peak 4	Ave	111640	144783		130	100	29.7*	20.0
PCB-1254 Peak 5	Ave	120602	141831		118	100	17.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/3 Calibration Date: 03/15/2011 10:22

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155406.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.42	3.39	3.45
PCB-1221 Peak 2	3.49	3.46	3.52
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.21	5.18	5.24
PCB-1254 Peak 2	5.42	5.39	5.45
PCB-1254 Peak 3	5.74	5.71	5.77
PCB-1254 Peak 4	6.00	5.97	6.03
PCB-1254 Peak 5	6.36	6.33	6.39

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/15 Calibration Date: 03/15/2011 13:18

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155418.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	21834		83.7	100	-16.3	20.0
PCB-1016 Peak 2	Ave	25989	21521		82.8	100	-17.2	20.0
PCB-1016 Peak 3	Ave	46857	41770		89.1	100	-10.9	20.0
PCB-1016 Peak 4	Lin1		23930		112	100	12.1	20.0
PCB-1016 Peak 5	Ave	26749	19610		73.3	100	-26.7*	20.0
PCB-1260 Peak 1	Ave	51857	51760		99.8	100	-0.2	20.0
PCB-1260 Peak 2	Lin1		61548		107	100	6.7	20.0
PCB-1260 Peak 3	Lin1		58670		80.5	100	-19.5	20.0
PCB-1260 Peak 4	Ave	91214	85005		93.2	100	-6.8	20.0
PCB-1260 Peak 5	Ave	71029	63632		89.6	100	-10.4	20.0
Tetrachloro-m-xylene	Ave	1031214	972301		9.43	10.0	-5.7	20.0
DCB Decachlorobiphenyl	Lin1		760948		10.3	10.0	2.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/15 Calibration Date: 03/15/2011 13:18

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155418.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.88	3.85	3.91
PCB-1016 Peak 2	4.09	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.60	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.83	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.31	6.27	6.33
PCB-1260 Peak 4	6.78	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/15 Calibration Date: 03/15/2011 13:18

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155418.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	51853		80.9	100	-19.1	20.0
PCB-1016 Peak 2	Lin1		72028		120	100	20.3*	20.0
PCB-1016 Peak 3	Ave	125788	127294		101	100	1.2	20.0
PCB-1016 Peak 4	Ave	46934	39233		83.6	100	-16.4	20.0
PCB-1016 Peak 5	Ave	58141	65578		113	100	12.8	20.0
PCB-1260 Peak 1	Ave	114814	107196		93.4	100	-6.6	20.0
PCB-1260 Peak 2	Lin1		170802		98.2	100	-1.8	20.0
PCB-1260 Peak 3	Ave	165857	178824		108	100	7.8	20.0
PCB-1260 Peak 4	Ave	214975	205385		95.5	100	-4.5	20.0
PCB-1260 Peak 5	Ave	129719	118055		91.0	100	-9.0	20.0
Tetrachloro-m-xylene	Ave	2610963	2713928		10.4	10.0	3.9	20.0
DCB Decachlorobiphenyl	Ave	2035658	1836558		9.02	10.0	-9.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/15 Calibration Date: 03/15/2011 13:18

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155418.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.91	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.67	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/26 Calibration Date: 03/15/2011 16:03

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155429.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	19914		76.4	100	-23.6*	20.0
PCB-1016 Peak 2	Ave	25989	22471		86.5	100	-13.5	20.0
PCB-1016 Peak 3	Ave	46857	45162		96.4	100	-3.6	20.0
PCB-1016 Peak 4	Lin1		20959		97.3	100	-2.7	20.0
PCB-1016 Peak 5	Ave	26749	21666		81.0	100	-19.0	20.0
PCB-1260 Peak 1	Ave	51857	43443		83.8	100	-16.2	20.0
PCB-1260 Peak 2	Lin1		51639		89.1	100	-10.9	20.0
PCB-1260 Peak 3	Lin1		56081		76.8	100	-23.2*	20.0
PCB-1260 Peak 4	Ave	91214	77411		84.9	100	-15.1	20.0
PCB-1260 Peak 5	Ave	71029	57546		81.0	100	-19.0	20.0
Tetrachloro-m-xylene	Ave	1031214	966462		9.37	10.0	-6.3	20.0
DCB Decachlorobiphenyl	Lin1		704183		9.47	10.0	-5.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/26 Calibration Date: 03/15/2011 16:03

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155429.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.85	3.91
PCB-1016 Peak 2	4.10	4.06	4.12
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.61	4.57	4.63
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.84	5.80	5.86
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.31	6.27	6.33
PCB-1260 Peak 4	6.79	6.75	6.81
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.17	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/26 Calibration Date: 03/15/2011 16:03

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155429.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	53705		83.8	100	-16.2	20.0
PCB-1016 Peak 2	Lin1		58117		95.9	100	-4.1	20.0
PCB-1016 Peak 3	Ave	125788	139369		111	100	10.8	20.0
PCB-1016 Peak 4	Ave	46934	38337		81.7	100	-18.3	20.0
PCB-1016 Peak 5	Ave	58141	47754		82.1	100	-17.9	20.0
PCB-1260 Peak 1	Ave	114814	103654		90.3	100	-9.7	20.0
PCB-1260 Peak 2	Lin1		167926		96.5	100	-3.5	20.0
PCB-1260 Peak 3	Ave	165857	168195		101	100	1.4	20.0
PCB-1260 Peak 4	Ave	214975	192745		89.7	100	-10.3	20.0
PCB-1260 Peak 5	Ave	129719	110692		85.3	100	-14.7	20.0
Tetrachloro-m-xylene	Ave	2610963	2693801		10.3	10.0	3.2	20.0
DCB Decachlorobiphenyl	Ave	2035658	1728535		8.49	10.0	-15.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: CCV 580-82292/26 Calibration Date: 03/15/2011 16:03

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155429.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82215/1-A

Matrix: Water | Lab File ID: CC155363.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2011 13:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.50	0.045
11104-28-2	PCB-1221	ND		0.50	0.062
11141-16-5	PCB-1232	ND		0.50	0.041
53469-21-9	PCB-1242	ND		0.50	0.041
12672-29-6	PCB-1248	ND		0.50	0.071
11097-69-1	PCB-1254	ND		0.50	0.044
11096-82-5	PCB-1260	ND		0.50	0.039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		60-150
2051-24-3	DCB Decachlorobiphenyl	74		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82215/2-A

Matrix: Water | Lab File ID: CC155368.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1000(mL) | Date Analyzed: 03/14/2011 15:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82198 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.889		0.50	0.045
11096-82-5	PCB-1260	0.940		0.50	0.039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		60-150
2051-24-3	DCB Decachlorobiphenyl	73		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MS | Lab Sample ID: 580-24953-6 MS

Matrix: Water | Lab File ID: CC155416.D

Analysis Method: 8082 | Date Collected: 03/13/2011 09:40

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 12:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.781		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	0.857		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		60-150
2051-24-3	DCB Decachlorobiphenyl	64		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Client Sample ID: YK-MW-2 MSD | Lab Sample ID: 580-24953-6 MSD

Matrix: Water | Lab File ID: CC155417.D

Analysis Method: 8082 | Date Collected: 03/13/2011 09:40

Extraction Method: 3510C | Date Extracted: 03/14/2011 10:54

Sample wt/vol: 1060(mL) | Date Analyzed: 03/15/2011 13:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82292 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.816		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	0.869		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		60-150
2051-24-3	DCB Decachlorobiphenyl	70		40-135

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/03/2011 09:34

Analysis Batch Number: 81563 End Date: 03/03/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 580-81563/2		03/03/2011 09:34	1	CC155047.D	ZB-MR-2 0.25(mm)
IC 580-81563/2		03/03/2011 09:34	1	CC155047.D	ZB-MR-1 0.25(mm)
IC 580-81563/3		03/03/2011 09:48	1	CC155048.D	ZB-MR-2 0.25(mm)
IC 580-81563/3		03/03/2011 09:48	1	CC155048.D	ZB-MR-1 0.25(mm)
IC 580-81563/4		03/03/2011 10:02	1	CC155049.D	ZB-MR-2 0.25(mm)
IC 580-81563/4		03/03/2011 10:02	1	CC155049.D	ZB-MR-1 0.25(mm)
IC 580-81563/5		03/03/2011 10:16	1	CC155050.D	ZB-MR-2 0.25(mm)
IC 580-81563/5		03/03/2011 10:16	1	CC155050.D	ZB-MR-1 0.25(mm)
IC 580-81563/6		03/03/2011 10:30	1	CC155051.D	ZB-MR-2 0.25(mm)
IC 580-81563/6		03/03/2011 10:30	1	CC155051.D	ZB-MR-1 0.25(mm)
IC 580-81563/7		03/03/2011 10:45	1	CC155052.D	ZB-MR-2 0.25(mm)
IC 580-81563/7		03/03/2011 10:45	1	CC155052.D	ZB-MR-1 0.25(mm)
ICV 580-81563/8		03/03/2011 10:59	1	CC155053.D	ZB-MR-2 0.25(mm)
ICV 580-81563/8		03/03/2011 10:59	1	CC155053.D	ZB-MR-1 0.25(mm)
IC 580-81563/9		03/03/2011 11:13	1	CC155054.D	ZB-MR-2 0.25(mm)
IC 580-81563/9		03/03/2011 11:13	1	CC155054.D	ZB-MR-1 0.25(mm)
IC 580-81563/10		03/03/2011 11:27	1	CC155055.D	ZB-MR-2 0.25(mm)
IC 580-81563/10		03/03/2011 11:27	1	CC155055.D	ZB-MR-1 0.25(mm)
IC 580-81563/11		03/03/2011 11:41	1	CC155056.D	ZB-MR-2 0.25(mm)
IC 580-81563/11		03/03/2011 11:41	1	CC155056.D	ZB-MR-1 0.25(mm)
IC 580-81563/12		03/03/2011 11:55	1	CC155057.D	ZB-MR-2 0.25(mm)
IC 580-81563/12		03/03/2011 11:55	1	CC155057.D	ZB-MR-1 0.25(mm)
IC 580-81563/13		03/03/2011 12:09	1	CC155058.D	ZB-MR-2 0.25(mm)
IC 580-81563/13		03/03/2011 12:09	1	CC155058.D	ZB-MR-1 0.25(mm)
IC 580-81563/14		03/03/2011 12:23	1	CC155059.D	ZB-MR-2 0.25(mm)
IC 580-81563/14		03/03/2011 12:23	1	CC155059.D	ZB-MR-1 0.25(mm)
ICV 580-81563/15		03/03/2011 12:38	1	CC155060.D	ZB-MR-2 0.25(mm)
ICV 580-81563/15		03/03/2011 12:38	1	CC155060.D	ZB-MR-1 0.25(mm)
IC 580-81563/16		03/03/2011 14:54	1	CC155066.D	ZB-MR-2 0.25(mm)
IC 580-81563/16		03/03/2011 14:54	1	CC155066.D	ZB-MR-1 0.25(mm)
IC 580-81563/17		03/03/2011 15:08	1	CC155067.D	ZB-MR-2 0.25(mm)
IC 580-81563/17		03/03/2011 15:08	1	CC155067.D	ZB-MR-1 0.25(mm)
IC 580-81563/18		03/03/2011 15:22	1	CC155068.D	ZB-MR-2 0.25(mm)
IC 580-81563/18		03/03/2011 15:22	1	CC155068.D	ZB-MR-1 0.25(mm)
IC 580-81563/19		03/03/2011 15:36	1	CC155069.D	ZB-MR-2 0.25(mm)
IC 580-81563/19		03/03/2011 15:36	1	CC155069.D	ZB-MR-1 0.25(mm)
IC 580-81563/20		03/03/2011 15:51	1	CC155070.D	ZB-MR-2 0.25(mm)
IC 580-81563/20		03/03/2011 15:51	1	CC155070.D	ZB-MR-1 0.25(mm)
IC 580-81563/21		03/03/2011 16:05	1	CC155071.D	ZB-MR-2 0.25(mm)
IC 580-81563/21		03/03/2011 16:05	1	CC155071.D	ZB-MR-1 0.25(mm)
ICV 580-81563/22		03/03/2011 16:20	1	CC155072.D	ZB-MR-2 0.25(mm)
ICV 580-81563/22		03/03/2011 16:20	1	CC155072.D	ZB-MR-1 0.25(mm)
IC 580-81563/23		03/03/2011 16:34	1	CC155073.D	ZB-MR-2 0.25(mm)
IC 580-81563/23		03/03/2011 16:34	1	CC155073.D	ZB-MR-1 0.25(mm)
IC 580-81563/24		03/03/2011 16:48	1	CC155074.D	ZB-MR-2 0.25(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/03/2011 09:34

Analysis Batch Number: 81563 End Date: 03/03/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 580-81563/24		03/03/2011 16:48	1	CC155074.D	ZB-MR-1 0.25(mm)
IC 580-81563/25		03/03/2011 17:02	1	CC155075.D	ZB-MR-2 0.25(mm)
IC 580-81563/25		03/03/2011 17:02	1	CC155075.D	ZB-MR-1 0.25(mm)
IC 580-81563/26		03/03/2011 17:16	1	CC155076.D	ZB-MR-2 0.25(mm)
IC 580-81563/26		03/03/2011 17:16	1	CC155076.D	ZB-MR-1 0.25(mm)
IC 580-81563/27		03/03/2011 17:31	1	CC155077.D	ZB-MR-2 0.25(mm)
IC 580-81563/27		03/03/2011 17:31	1	CC155077.D	ZB-MR-1 0.25(mm)
IC 580-81563/28		03/03/2011 17:45	1	CC155078.D	ZB-MR-2 0.25(mm)
IC 580-81563/28		03/03/2011 17:45	1	CC155078.D	ZB-MR-1 0.25(mm)
ICV 580-81563/29		03/03/2011 17:59	1	CC155079.D	ZB-MR-2 0.25(mm)
ICV 580-81563/29		03/03/2011 17:59	1	CC155079.D	ZB-MR-1 0.25(mm)
IC 580-81563/30		03/03/2011 18:13	1	CC155080.D	ZB-MR-2 0.25(mm)
IC 580-81563/30		03/03/2011 18:13	1	CC155080.D	ZB-MR-1 0.25(mm)
IC 580-81563/31		03/03/2011 18:27	1	CC155081.D	ZB-MR-2 0.25(mm)
IC 580-81563/31		03/03/2011 18:27	1	CC155081.D	ZB-MR-1 0.25(mm)
IC 580-81563/32		03/03/2011 18:41	1	CC155082.D	ZB-MR-2 0.25(mm)
IC 580-81563/32		03/03/2011 18:41	1	CC155082.D	ZB-MR-1 0.25(mm)
IC 580-81563/33		03/03/2011 18:55	1	CC155083.D	ZB-MR-2 0.25(mm)
IC 580-81563/33		03/03/2011 18:55	1	CC155083.D	ZB-MR-1 0.25(mm)
IC 580-81563/34		03/03/2011 19:09	1	CC155084.D	ZB-MR-2 0.25(mm)
IC 580-81563/34		03/03/2011 19:09	1	CC155084.D	ZB-MR-1 0.25(mm)
IC 580-81563/35		03/03/2011 19:24	1	CC155085.D	ZB-MR-2 0.25(mm)
IC 580-81563/35		03/03/2011 19:24	1	CC155085.D	ZB-MR-1 0.25(mm)
ICV 580-81563/36		03/03/2011 19:38	1	CC155086.D	ZB-MR-2 0.25(mm)
ICV 580-81563/36		03/03/2011 19:38	1	CC155086.D	ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/14/2011 10:23

Analysis Batch Number: 82198 End Date: 03/14/2011 22:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 580-82198/2		03/14/2011 10:23	1	CC155353.D	ZB-MR-2 0.25(mm)
CCVRT 580-82198/2		03/14/2011 10:23	1	CC155353.D	ZB-MR-1 0.25(mm)
CCV 580-82198/3		03/14/2011 11:32	1	CC155354.D	ZB-MR-2 0.25(mm)
CCV 580-82198/3		03/14/2011 11:32	1	CC155354.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 11:46	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 11:46	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 12:00	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 12:00	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 12:14	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 12:14	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 12:29	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 12:29	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 12:43	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 12:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 13:06	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 13:06	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 13:22	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 13:22	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 13:36	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 13:36	1		ZB-MR-1 0.25(mm)
MB 580-82215/1-A		03/14/2011 13:51	1	CC155363.D	ZB-MR-2 0.25(mm)
MB 580-82215/1-A		03/14/2011 13:51	1	CC155363.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 14:05	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 14:05	1		ZB-MR-1 0.25(mm)
CCV 580-82198/14		03/14/2011 14:19	1	CC155365.D	ZB-MR-2 0.25(mm)
CCV 580-82198/14		03/14/2011 14:19	1	CC155365.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 14:33	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 14:33	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 14:47	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 14:47	1		ZB-MR-1 0.25(mm)
LCS 580-82215/2-A		03/14/2011 15:01	1	CC155368.D	ZB-MR-2 0.25(mm)
LCS 580-82215/2-A		03/14/2011 15:01	1	CC155368.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:15	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:15	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:29	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:29	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:43	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:43	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 15:58	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 15:58	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 16:12	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 16:12	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 16:26	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 16:26	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 16:40	1		ZB-MR-2 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/14/2011 10:23

Analysis Batch Number: 82198 End Date: 03/14/2011 22:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/14/2011 16:40	1		ZB-MR-1 0.25(mm)
CCV 580-82198/25		03/14/2011 16:54	1	CC155376.D	ZB-MR-2 0.25(mm)
CCV 580-82198/25		03/14/2011 16:54	1	CC155376.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 17:08	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 17:08	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 17:23	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 17:23	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 17:37	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 17:37	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 17:51	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 17:51	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 18:05	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 18:05	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 18:19	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 18:19	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 18:33	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 18:33	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 18:47	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 18:47	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 19:02	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 19:02	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 19:16	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 19:16	1		ZB-MR-1 0.25(mm)
CCV 580-82198/36		03/14/2011 19:30	1		ZB-MR-2 0.25(mm)
CCV 580-82198/36		03/14/2011 19:30	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 19:44	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 19:44	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 19:58	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 19:58	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 20:12	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 20:12	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 20:26	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 20:26	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 20:40	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 20:40	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 20:55	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 20:55	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 21:09	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 21:09	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 21:23	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 21:23	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 21:37	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 21:37	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/14/2011 21:51	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 21:51	1		ZB-MR-1 0.25(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/14/2011 10:23

Analysis Batch Number: 82198 End Date: 03/14/2011 22:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/14/2011 22:05	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/14/2011 22:05	1		ZB-MR-1 0.25(mm)
CCV 580-82198/48		03/14/2011 22:20	1		ZB-MR-2 0.25(mm)
CCV 580-82198/48		03/14/2011 22:20	1		ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/15/2011 09:54

Analysis Batch Number: 82292 End Date: 03/15/2011 16:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/15/2011 09:54	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 09:54	1		ZB-MR-1 0.25(mm)
CCVRT 580-82292/2		03/15/2011 10:08	1	CC155405.D	ZB-MR-2 0.25(mm)
CCVRT 580-82292/2		03/15/2011 10:08	1	CC155405.D	ZB-MR-1 0.25(mm)
CCV 580-82292/3		03/15/2011 10:22	1	CC155406.D	ZB-MR-2 0.25(mm)
CCV 580-82292/3		03/15/2011 10:22	1	CC155406.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 10:42	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 10:42	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 10:56	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 10:56	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 11:10	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 11:10	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 11:25	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 11:25	1		ZB-MR-1 0.25(mm)
580-24953-1	Irrigation Well	03/15/2011 11:39	1	CC155411.D	ZB-MR-2 0.25(mm)
580-24953-1	Irrigation Well	03/15/2011 11:39	1	CC155411.D	ZB-MR-1 0.25(mm)
580-24953-2	YK-MW-A	03/15/2011 11:53	1	CC155412.D	ZB-MR-2 0.25(mm)
580-24953-2	YK-MW-A	03/15/2011 11:53	1	CC155412.D	ZB-MR-1 0.25(mm)
580-24953-3	YK-MW-B	03/15/2011 12:07	1	CC155413.D	ZB-MR-2 0.25(mm)
580-24953-3	YK-MW-B	03/15/2011 12:07	1	CC155413.D	ZB-MR-1 0.25(mm)
580-24953-5	YK-MW-1	03/15/2011 12:21	1	CC155414.D	ZB-MR-2 0.25(mm)
580-24953-5	YK-MW-1	03/15/2011 12:21	1	CC155414.D	ZB-MR-1 0.25(mm)
580-24953-6	YK-MW-2	03/15/2011 12:35	1	CC155415.D	ZB-MR-2 0.25(mm)
580-24953-6	YK-MW-2	03/15/2011 12:35	1	CC155415.D	ZB-MR-1 0.25(mm)
580-24953-6 MS	YK-MW-2 MS	03/15/2011 12:50	1	CC155416.D	ZB-MR-2 0.25(mm)
580-24953-6 MS	YK-MW-2 MS	03/15/2011 12:50	1	CC155416.D	ZB-MR-1 0.25(mm)
580-24953-6 MSD	YK-MW-2 MSD	03/15/2011 13:04	1	CC155417.D	ZB-MR-2 0.25(mm)
580-24953-6 MSD	YK-MW-2 MSD	03/15/2011 13:04	1	CC155417.D	ZB-MR-1 0.25(mm)
CCV 580-82292/15		03/15/2011 13:18	1	CC155418.D	ZB-MR-2 0.25(mm)
CCV 580-82292/15		03/15/2011 13:18	1	CC155418.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 13:32	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 13:32	1		ZB-MR-1 0.25(mm)
580-24953-7	YK-MW-3	03/15/2011 13:46	1	CC155420.D	ZB-MR-2 0.25(mm)
580-24953-7	YK-MW-3	03/15/2011 13:46	1	CC155420.D	ZB-MR-1 0.25(mm)
580-24953-8	YK-MW-4	03/15/2011 14:00	1	CC155421.D	ZB-MR-2 0.25(mm)
580-24953-8	YK-MW-4	03/15/2011 14:00	1	CC155421.D	ZB-MR-1 0.25(mm)
580-24953-9	YK-MW-5	03/15/2011 14:14	1	CC155422.D	ZB-MR-2 0.25(mm)
580-24953-9	YK-MW-5	03/15/2011 14:14	1	CC155422.D	ZB-MR-1 0.25(mm)
580-24953-10	YK-MW-6	03/15/2011 14:29	1	CC155423.D	ZB-MR-2 0.25(mm)
580-24953-10	YK-MW-6	03/15/2011 14:29	1	CC155423.D	ZB-MR-1 0.25(mm)
580-24953-11	YK-MW-7	03/15/2011 14:43	1	CC155424.D	ZB-MR-2 0.25(mm)
580-24953-11	YK-MW-7	03/15/2011 14:43	1	CC155424.D	ZB-MR-1 0.25(mm)
580-24953-12	YK-MW11	03/15/2011 14:57	1	CC155425.D	ZB-MR-2 0.25(mm)
580-24953-12	YK-MW11	03/15/2011 14:57	1	CC155425.D	ZB-MR-1 0.25(mm)
580-24953-13	YK-Equipment Blank	03/15/2011 15:11	1	CC155426.D	ZB-MR-2 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/15/2011 09:54

Analysis Batch Number: 82292 End Date: 03/15/2011 16:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
580-24953-13	YK-Equipment Blank	03/15/2011 15:11	1	CC155426.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 15:25	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 15:25	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/15/2011 15:40	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/15/2011 15:40	1		ZB-MR-1 0.25(mm)
CCV 580-82292/26		03/15/2011 16:03	1	CC155429.D	ZB-MR-2 0.25(mm)
CCV 580-82292/26		03/15/2011 16:03	1	CC155429.D	ZB-MR-1 0.25(mm)

Organic Prep Worksheet

Batch Number: 580-82215
Method: 3510C
Analyst: Brechler, Debbie

Date Open: Mar 14 2011 10:54AM
Batch End: Mar 15 2011 9:30AM

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	PCBLLSSpk_00020	Pest/PCB Surr_00015
MB~580-82215/1		3510C, 8082		6	1000 mL	10 mL		100 uL
LCS~580-82215/2		3510C, 8082		6	1000 mL	10 mL	100 uL	100 uL
580-24953-F-1	Irrigation Well	3510C, 8082	T	7	1060 mL	10 mL		100 uL
580-24953-F-2	YK-MW-A	3510C, 8082	T	7	1060 mL	10 mL		100 uL
580-24953-F-3	YK-MW-B	3510C, 8082	T	7	1060 mL	10 mL		100 uL
580-24953-F-5	YK-MW-1	3510C, 8082	T	7	1060 mL	10 mL		100 uL
580-24953-F-6	YK-MW-2	3510C, 8082	T	7	1060 mL	10 mL		200 uL
580-24953-F-6~MS	YK-MW-2	3510C, 8082	T	7	1060 mL	10 mL	100 uL	200 uL
580-24953-F-6~MSD	YK-MW-2	3510C, 8082	T	7	1060 mL	10 mL	100 uL	200 uL
580-24953-F-7	YK-MW-3	3510C, 8082	T	7	1060 mL	10 mL		200 uL
580-24953-F-8	YK-MW-4	3510C, 8082	T	7	1050 mL	10 mL		100 uL
580-24953-F-9	YK-MW-5	3510C, 8082	T	7	1060 mL	10 mL		100 uL
580-24953-F-10	YK-MW-6	3510C, 8082	T	7	1060 mL	10 mL		100 uL
580-24953-F-11	YK-MW-7	3510C, 8082	T	7	1060 mL	10 mL		100 uL
580-24953-F-12	YK-MW11	3510C, 8082	T	7	1030 mL	10 mL		100 uL
580-24953-F-13	YK-Equipment Blank	3510C, 8082	T	7	1060 mL	10 mL		100 uL

Person's name who did the prep:	Debbie Brechler	Sufficient volume for MS/MSD?:	yes
Prep Solvent Name:	Mecl2	Florisil Lot #:	na
Prep Solvent Lot #:	670768	TBA Lot #:	na
Prep Solvent Volume Used:	250 mL	Copper Lot #:	na
Person's name who witnessed reagent drop:	na	Sulfuric Acid Lot Number:	672978
Acid used for pH adjustment:	na	ID number of the thermometer:	15-041-1A-3
Acid used for pH adjust Lot #:	na		
Base used for pH adjustment:	na		
Base used for pH adjust Lot #:	na		
Silica Gel Lot Number:	na		
Person's name who did the concentration:	Debbie Brechler		
Exchange Solvent Name:	Hexane		
Exchange Solvent Lot #:	674960		
Concentration Start Time:	na		
Concentration End Time:	na		
Na2SO4 Lot Number:	670822		
Uncorrected Temperature:	74-76 Celsius		
Oven, Bath or Block Temperature 1:	72-74/ 80		

Organic Prep Worksheet

Batch Number: 580-82215
Method: 3510C
Analyst: Brechler, Debbie

Date Open: Mar 14 2011 10:54AM
Batch End: Mar 15 2011 9:30AM

Lab ID	Client ID	Method Chain	Basis	Comments Analysis comment
MB~580-82215/1		3510C, 8082		
LCS~580-82215/2		3510C, 8082		
580-24953-F-1	Irrigation Well	3510C, 8082	T	
580-24953-F-2	YK-MW-A	3510C, 8082	T	
580-24953-F-3	YK-MW-B	3510C, 8082	T	
580-24953-F-5	YK-MW-1	3510C, 8082	T	
580-24953-F-6	YK-MW-2	3510C, 8082	T	
580-24953-F-6~MS	YK-MW-2	3510C, 8082	T	
580-24953-F-6~MSD	YK-MW-2	3510C, 8082	T	
580-24953-F-7	YK-MW-3	3510C, 8082	T	
580-24953-F-8	YK-MW-4	3510C, 8082	T	
580-24953-F-9	YK-MW-5	3510C, 8082	T	Sample is muddy and there was a very thick emulsion.
580-24953-F-10	YK-MW-6	3510C, 8082	T	Thick emulsion.
580-24953-F-11	YK-MW-7	3510C, 8082	T	Sample is muddy and there was a very thick emulsion.
580-24953-F-12	YK-MW11	3510C, 8082	T	
580-24953-F-13	YK-Equipment Blank	3510C, 8082	T	Thick emulsion.

Batch Comment: na

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24953-1

SDG No.:

Project: Yakima, WA Phase II

Client Sample ID	Lab Sample ID
Irrigation Well	580-24953-1
YK-MW-A	580-24953-2
YK-MW-B	580-24953-3
YK-MW-1	580-24953-5
YK-MW-2	580-24953-6
YK-MW-3	580-24953-7
YK-MW-4	580-24953-8
YK-MW-5	580-24953-9
YK-MW-6	580-24953-10
YK-MW-7	580-24953-11
YK-MW11	580-24953-12
YK-Equipment Blank	580-24953-13

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Irrigation Well
Lab Sample ID: 580-24953-1
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG ID.:
Matrix: Water
Date Sampled: 03/12/2011 13:30
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000055	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: Irrigation Well
Lab Sample ID: 580-24953-1
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG ID.:
Matrix: Water
Date Sampled: 03/12/2011 13:30
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	0.030	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0019	0.0020	0.00037	mg/L	J		5	6020
7440-50-8	Copper	0.00075	0.0050	0.00015	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0011	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.0011	0.0020	0.00022	mg/L	J		5	6020
7782-49-2	Selenium	0.0017	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.0014	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.028	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-A
Lab Sample ID: 580-24953-2
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG ID.:
Matrix: Water
Date Sampled: 03/12/2011 15:40
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000064	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-A
Lab Sample ID: 580-24953-2
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG ID.:
Matrix: Water
Date Sampled: 03/12/2011 15:40
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	0.051	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0041	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.0029	0.0050	0.00015	mg/L	J		5	6020
7439-92-1	Lead	0.00026	0.0020	0.00017	mg/L	J		5	6020
7439-98-7	Molybdenum	0.0013	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.0025	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.0012	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00086	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.0063	0.0070	0.0020	mg/L	J	B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-B
Lab Sample ID: 580-24953-3
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG ID.:
Matrix: Water
Date Sampled: 03/12/2011 17:00
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000087	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-B
Lab Sample ID: 580-24953-3
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG ID.:
Matrix: Water
Date Sampled: 03/12/2011 17:00
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.00037	0.0020	0.00024	mg/L	J		5	6020
7440-39-3	Barium	0.16	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	0.00076	0.0020	0.00026	mg/L	J		5	6020
7440-43-9	Cadmium	0.00020	0.0020	0.00014	mg/L	J		5	6020
7440-47-3	Chromium	0.060	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.018	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.011	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0078	0.0040	0.00049	mg/L			5	6020
7440-02-0	Nickel	0.038	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.00034	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	0.00036	0.0020	0.00015	mg/L	J		5	6020
7440-31-5	Tin	0.0025	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.050	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-1 Lab Sample ID: 580-24953-5

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 09:00

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000067	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-1 Lab Sample ID: 580-24953-5

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 09:00

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.0012	0.0020	0.00024	mg/L	J		5	6020
7440-39-3	Barium	0.13	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.024	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.014	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.0027	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0035	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.017	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.0011	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.0010	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.024	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-2 Lab Sample ID: 580-24953-6

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 09:40

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000073	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-2 Lab Sample ID: 580-24953-6

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 09:40

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.0015	0.0020	0.00024	mg/L	J		5	6020
7440-39-3	Barium	0.081	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.016	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.0098	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.0025	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0029	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.0088	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.00070	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00044	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.019	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-3 Lab Sample ID: 580-24953-7

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 10:15

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000063	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-3 Lab Sample ID: 580-24953-7

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 10:15

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	0.053	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0094	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.0051	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.00092	0.0020	0.00017	mg/L	J		5	6020
7439-98-7	Molybdenum	0.0018	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.0057	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.00064	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00048	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.0078	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-4 Lab Sample ID: 580-24953-8

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 11:24

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000068	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-4 Lab Sample ID: 580-24953-8

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 11:24

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	0.10	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	0.00030	0.0020	0.00026	mg/L	J		5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.018	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.010	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.0018	0.0020	0.00017	mg/L	J		5	6020
7439-98-7	Molybdenum	0.0021	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.0099	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.00047	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00074	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.020	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-5 Lab Sample ID: 580-24953-9

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 13:55

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.0019	0.00020	0.000041	mg/L		B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-5 Lab Sample ID: 580-24953-9

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 13:55

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.073	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	17	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	0.048	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	0.0042	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	1.6	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	1.9	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.47	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.028	0.0040	0.00049	mg/L			5	6020
7440-02-0	Nickel	1.1	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.0081	0.0020	0.00034	mg/L			5	6020
7440-22-4	Silver	0.0036	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.055	0.0070	0.000089	mg/L		B	5	6020
7440-66-6	Zinc	4.2	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-6 Lab Sample ID: 580-24953-10

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 14:50

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.00015	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-6 Lab Sample ID: 580-24953-10

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 14:50

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	0.00041	0.0020	0.00040	mg/L	J		5	6020
7440-38-2	Arsenic	0.0045	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	0.49	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	0.0018	0.0020	0.00026	mg/L	J		5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.076	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.082	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.017	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0035	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.053	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	ND	0.0020	0.00034	mg/L			5	6020
7440-22-4	Silver	0.00034	0.0020	0.00015	mg/L	J		5	6020
7440-31-5	Tin	0.0031	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.17	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW-7 Lab Sample ID: 580-24953-11

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 12:01

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.0013	0.00020	0.000041	mg/L		B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW-7 Lab Sample ID: 580-24953-11

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 12:01

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	0.00050	0.0020	0.00040	mg/L	J		5	6020
7440-38-2	Arsenic	0.084	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	7.8	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	0.034	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	1.3	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	1.5	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.41	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.028	0.0040	0.00049	mg/L			5	6020
7440-02-0	Nickel	0.80	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.0099	0.0020	0.00034	mg/L			5	6020
7440-22-4	Silver	0.0036	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.045	0.0070	0.000089	mg/L		B	5	6020
7440-66-6	Zinc	3.1	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-MW11 Lab Sample ID: 580-24953-12

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 09:00

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000074	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-MW11 Lab Sample ID: 580-24953-12

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG ID.:

Matrix: Water Date Sampled: 03/13/2011 09:00

Reporting Basis: WET Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.00069	0.0020	0.00024	mg/L	J		5	6020
7440-39-3	Barium	0.12	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	0.00027	0.0020	0.00026	mg/L	J		5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.021	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.013	0.0050	0.00015	mg/L			5	6020
7439-92-1	Lead	0.0023	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0030	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.016	0.0020	0.00022	mg/L			5	6020
7782-49-2	Selenium	0.0011	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00065	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.023	0.0070	0.0020	mg/L		B	5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: YK-Equipment Blank
Lab Sample ID: 580-24953-13
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG ID.:
Matrix: Water
Date Sampled: 03/13/2011 15:00
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	0.000065	0.00020	0.000041	mg/L	J	B	1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: YK-Equipment Blank
Lab Sample ID: 580-24953-13
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG ID.:
Matrix: Water
Date Sampled: 03/13/2011 15:00
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	0.0089	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0032	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.0025	0.0050	0.00015	mg/L	J		5	6020
7439-92-1	Lead	0.00054	0.0020	0.00017	mg/L	J		5	6020
7439-98-7	Molybdenum	ND	0.0040	0.00049	mg/L			5	6020
7440-02-0	Nickel	0.0011	0.0020	0.00022	mg/L	J		5	6020
7782-49-2	Selenium	ND	0.0020	0.00034	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00031	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.024	0.0070	0.0020	mg/L		B	5	6020

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00008 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00005

Analyte	ICV 580-82307/7 03/15/2011 08:54				CCV 580-82307/12 03/15/2011 09:33				CCV 580-82307/24 03/15/2011 10:23			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0401		0.0400	100	0.0499		0.0500	100	0.0499		0.0500	100
Arsenic	0.0396		0.0400	99	0.0489		0.0500	98	0.0488		0.0500	98
Barium	0.0397		0.0400	99	0.0500		0.0500	100	0.0490		0.0500	98
Beryllium	0.0395		0.0400	99	0.0486		0.0500	97	0.0481		0.0500	96
Cadmium	0.0395		0.0400	99	0.0497		0.0500	99	0.0491		0.0500	98
Chromium	0.0400		0.0400	100	0.0504		0.0500	101	0.0497		0.0500	99
Copper	0.0403		0.0400	101	0.0509		0.0500	102	0.0505		0.0500	101
Lead	0.0407		0.0400	102	0.0513		0.0500	103	0.0515		0.0500	103
Molybdenum	0.0393		0.0400	98	0.0485		0.0500	97	0.0487		0.0500	97
Nickel	0.0401		0.0400	100	0.0511		0.0500	102	0.0509		0.0500	102
Selenium	0.0404		0.0400	101	0.0503		0.0500	101	0.0490		0.0500	98
Silver	0.0405		0.0400	101	0.0502		0.0500	100	0.0491		0.0500	98
Tin	0.0395		0.0400	99	0.0494		0.0500	99	0.0492		0.0500	98
Zinc	0.0393		0.0400	98	0.0509		0.0500	102	0.0503		0.0500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00008 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00005

Analyte	CCV 580-82307/35 03/15/2011 11:09				CCV 580-82307/39 03/15/2011 11:34							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0489		0.0500	98	0.0483		0.0500	97				
Arsenic	0.0504		0.0500	101	0.0498		0.0500	100				
Barium	0.0489		0.0500	98	0.0479		0.0500	96				
Beryllium	0.0480		0.0500	96	0.0491		0.0500	98				
Cadmium	0.0491		0.0500	98	0.0479		0.0500	96				
Chromium	0.0506		0.0500	101	0.0502		0.0500	100				
Copper	0.0507		0.0500	101	0.0510		0.0500	102				
Lead	0.0513		0.0500	103	0.0509		0.0500	102				
Molybdenum	0.0482		0.0500	96	0.0486		0.0500	97				
Nickel	0.0516		0.0500	103	0.0509		0.0500	102				
Selenium	0.0507		0.0500	101	0.0485		0.0500	97				
Silver	0.0498		0.0500	100	0.0493		0.0500	99				
Tin	0.0486		0.0500	97	0.0482		0.0500	96				
Zinc	0.0505		0.0500	101	0.0501		0.0500	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

ICV Source: Hg_ICV_WORK_00007 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00006

Analyte	ICV 580-82302/7 03/15/2011 08:55				CCV 580-82302/9 03/15/2011 09:03				CCV 580-82302/21 03/15/2011 09:34			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00402		0.00400	101	0.00515		0.00500	103	0.00515		0.00500	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

ICV Source: Hg_ICV_WORK_00007 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00006

Analyte	CCV 580-82302/33 03/15/2011 10:05											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00524		0.00500	105								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Analysis Method: 6020 Instrument ID: SEA026

Lab Sample ID: CRI 580-82307/11 Concentration Units: mg/L

CRQL Check Standard Source: ICPMS_CAL_WOR_00005

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	0.00200	0.00180		90	50-150
Arsenic	0.00200	0.00202		101	50-150
Barium	0.00200	0.00171		86	50-150
Beryllium	0.00200	0.00183		91	50-150
Cadmium	0.00200	0.00181		91	50-150
Chromium	0.00200	0.00196		98	50-150
Copper	0.00200	0.00203		101	50-150
Lead	0.00200	0.00204		102	50-150
Molybdenum	0.00200	0.00187		94	50-150
Nickel	0.00200	0.00200		100	50-150
Selenium	0.00200	0.00199		99	50-150
Silver	0.00200	0.00180		90	50-150
Tin	0.00200	0.00183		92	50-150
Zinc	0.00200	ND		89	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-82307/8 03/15/2011 08:58		CCB 580-82307/13 03/15/2011 09:37		CCB 580-82307/25 03/15/2011 10:27		CCB 580-82307/36 03/15/2011 11:13	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND		ND		ND		ND	
Arsenic	0.00040	ND		ND		ND		ND	
Barium	0.00040	ND		ND		ND		ND	
Beryllium	0.00040	ND		ND		ND		ND	
Cadmium	0.00040	ND		ND		ND		ND	
Chromium	0.00040	ND		ND		ND		ND	
Copper	0.0010	ND		ND		ND		ND	
Lead	0.00040	ND		ND		ND		ND	
Molybdenum	0.00040	ND		ND		ND		ND	
Nickel	0.00040	ND		ND		ND		ND	
Selenium	0.00040	ND		ND		ND		ND	
Silver	0.00040	ND		ND		ND		ND	
Tin	0.0010	ND		ND		ND		ND	
Zinc	0.0010	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 580-82307/40 03/15/2011 11:38							
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND							
Arsenic	0.00040	ND							
Barium	0.00040	ND							
Beryllium	0.00040	ND							
Cadmium	0.00040	ND							
Chromium	0.00040	ND							
Copper	0.0010	ND							
Lead	0.00040	ND							
Molybdenum	0.00040	ND							
Nickel	0.00040	ND							
Selenium	0.00040	ND							
Silver	0.00040	ND							
Tin	0.0010	ND							
Zinc	0.0010	ND							

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-82302/8 03/15/2011 08:58		CCB 580-82302/10 03/15/2011 09:06		CCB 580-82302/22 03/15/2011 09:37		CCB 580-82302/34 03/15/2011 10:08	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	0.0000240	J	0.0000260	J	0.0000290	J	0.0000280	J

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-82227/16-A

Instrument Code: SEA026 Batch No.: 82307

CAS No.	Analyte	Concentration	C	Q	Method
7440-36-0	Antimony	ND			6020
7440-38-2	Arsenic	ND			6020
7440-39-3	Barium	ND			6020
7440-41-7	Beryllium	ND			6020
7440-43-9	Cadmium	ND			6020
7440-47-3	Chromium	ND			6020
7440-50-8	Copper	ND			6020
7439-92-1	Lead	ND			6020
7439-98-7	Molybdenum	ND			6020
7440-02-0	Nickel	ND			6020
7782-49-2	Selenium	ND			6020
7440-22-4	Silver	ND			6020
7440-31-5	Tin	0.000180	J		6020
7440-66-6	Zinc	0.00278	J		6020

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-82237/21-A

Instrument Code: TAC103 Batch No.: 82302

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.0000610	J		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICSA 580-82307/9 Instrument ID: SEA026

Lab File ID: 82227-ICPMS.rep ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**0.0001**	
Arsenic		**0.0004**	
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium		**0.0000**	
Chromium		**0.0012**	
Copper		**0.0009**	
Lead		**0.0001**	
Molybdenum	**0.400**	**0.383**	**96**
Nickel		**0.0011**	
Selenium		**-0.0003**	
Silver		**0.0000**	
Tin		**0.0001**	
Zinc		**0.0003**	
Aluminum	*20.0*	*17.9*	*90*
Calcium	*60.0*	*56.5*	*94*
Cobalt		*0.0001*	
Iron	*50.0*	*47.8*	*96*
Magnesium	*20.0*	*20.0*	*100*
Manganese		*0.0008*	
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.0*	*95*
Potassium	*20.0*	*20.3*	*101*
Sodium	*50.0*	*50.8*	*102*
Strontium		*0.0027*	
Thallium		*0.0001*	
Titanium	*0.400*	*0.342*	*85*
Uranium		*0.0000*	
Vanadium		*0.0003*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICSAB 580-82307/10 Instrument ID: SEA026

Lab File ID: 82227-ICPMS.rep ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0204**	**102**
Barium		**0.0002**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0188**	**94**
Chromium	**0.0400**	**0.0412**	**103**
Copper	**0.0400**	**0.0398**	**100**
Lead		**0.0001**	
Molybdenum	**0.400**	**0.388**	**97**
Nickel	**0.0400**	**0.0404**	**101**
Selenium	**0.0200**	**0.0193**	**96**
Silver	**0.0100**	**0.0093**	**93**
Tin		**0.0001**	
Zinc	**0.0200**	**0.0191**	**95**
Aluminum	*20.0*	*18.2*	*91*
Calcium	*60.0*	*57.2*	*95*
Cobalt	*0.0400*	*0.0411*	*103*
Iron	*50.0*	*48.7*	*97*
Magnesium	*20.0*	*20.6*	*103*
Manganese	*0.0400*	*0.0407*	*102*
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.0*	*95*
Potassium	*20.0*	*20.3*	*102*
Sodium	*50.0*	*51.4*	*103*
Strontium		*0.0027*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.347*	*87*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0413*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Lab Sample ID: ICSAB 580-82307/10 Instrument ID: SEA026

Lab File ID: 82227-ICPMS.rep ICS Source: ICPMS-ICSB_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0204**	**102**
Barium		**0.0002**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0188**	**94**
Chromium	**0.0400**	**0.0412**	**103**
Copper	**0.0400**	**0.0398**	**100**
Lead		**0.0001**	
Molybdenum	**0.400**	**0.388**	**97**
Nickel	**0.0400**	**0.0404**	**101**
Selenium	**0.0200**	**0.0193**	**96**
Silver	**0.0100**	**0.0093**	**93**
Tin		**0.0001**	
Zinc	**0.0200**	**0.0191**	**95**
Aluminum	*20.0*	*18.2*	*91*
Calcium	*60.0*	*57.2*	*95*
Cobalt	*0.0400*	*0.0411*	*103*
Iron	*50.0*	*48.7*	*97*
Magnesium	*20.0*	*20.6*	*103*
Manganese	*0.0400*	*0.0407*	*102*
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.0*	*95*
Potassium	*20.0*	*20.3*	*102*
Sodium	*50.0*	*51.4*	*103*
Strontium		*0.0027*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.347*	*87*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0413*	*103*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: YK-MW-1 MS Lab ID: 580-24953-5 MS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.00212		0.000067	J	0.00200	103	80-120		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: YK-MW-2 MS
Lab ID: 580-24953-6 MS
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Antimony	2.82		ND		3.00	94	80-120		6020
Arsenic	4.12		0.0015	J	4.00	103	80-120		6020
Barium	3.82		0.081		4.00	94	80-120		6020
Beryllium	0.105		ND		0.100	105	80-120		6020
Cadmium	0.0966		ND		0.100	97	80-120		6020
Chromium	0.428		0.016		0.400	103	80-120		6020
Copper	0.551		0.0098		0.500	108	80-120		6020
Lead	1.07		0.0025		1.00	107	80-120		6020
Molybdenum	4.56		0.0029	J	5.00	91	80-120		6020
Nickel	1.04		0.0088		1.00	103	80-120		6020
Selenium	4.14		0.00070	J	4.00	103	80-120		6020
Silver	0.581		ND		0.600	97	80-120		6020
Tin	4.64		0.00044	J	5.00	93	80-120		6020
Zinc	1.04		0.019		1.00	103	80-120		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: YK-MW-1 MSD
Lab ID: 580-24953-5 MSD
Lab Name: TestAmerica Seattle
Job No.: 580-24953-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.00214		0.00200	104	80-120	1	20		7470A

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: YK-MW-2 MSD | Lab ID: 580-24953-6 MSD

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Antimony	3.04		3.00	101	80-120	7	20		6020
Arsenic	4.33		4.00	108	80-120	5	20		6020
Barium	4.13		4.00	101	80-120	8	20		6020
Beryllium	0.0972		0.100	97	80-120	8	20		6020
Cadmium	0.0961		0.100	96	80-120	1	20		6020
Chromium	0.442		0.400	106	80-120	3	20		6020
Copper	0.571		0.500	112	80-120	4	20		6020
Lead	1.14		1.00	114	80-120	6	20		6020
Molybdenum	4.87		5.00	97	80-120	7	20		6020
Nickel	1.09		1.00	108	80-120	5	20		6020
Selenium	4.28		4.00	107	80-120	3	20		6020
Silver	0.602		0.600	100	80-120	4	20		6020
Tin	4.93		5.00	99	80-120	6	20		6020
Zinc	1.11		1.00	109	80-120	6	20		6020

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: YK-MW-2 PDS Lab ID: 580-24953-6 PDS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Matrix: Water Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Antimony	2.99		ND		3.00	100	75-125		6020
Arsenic	4.30		0.0015	J	4.00	107	75-125		6020
Barium	4.03		0.081		4.00	99	75-125		6020
Beryllium	0.0970		ND		0.100	97	75-125		6020
Cadmium	0.0991		ND		0.100	99	75-125		6020
Chromium	0.442		0.016		0.400	106	75-125		6020
Copper	0.569		0.0098		0.500	112	75-125		6020
Lead	1.13		0.0025		1.00	112	75-125		6020
Molybdenum	4.81		0.0029	J	5.00	96	75-125		6020
Nickel	1.10		0.0088		1.00	109	75-125		6020
Selenium	4.21		0.00070	J	4.00	105	75-125		6020
Silver	0.600		ND		0.600	100	75-125		6020
Tin	4.90		0.00044	J	5.00	98	75-125		6020
Zinc	1.11		0.019		1.00	109	75-125		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: YK-MW-1 DU Lab ID: 580-24953-5 DU

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.00020	0.000067	J	0.0000770	J	14		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - TOTAL RECOVERABLE

Client ID: YK-MW-2 DU | Lab ID: 580-24953-6 DU

Lab Name: TestAmerica Seattle | Job No.: 580-24953-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Antimony	0.0020	ND		ND		NC		6020
Arsenic	0.0020	0.0015	J	ND		NC		6020
Barium	0.0060	0.081		0.0829		3		6020
Beryllium	0.0020	ND		ND		NC		6020
Cadmium	0.0020	ND		ND		NC		6020
Chromium	0.0020	0.016		0.0166		0.6		6020
Copper	0.0050	0.0098		0.0102		4		6020
Lead	0.0020	0.0025		0.00250		0.6		6020
Molybdenum	0.0040	0.0029	J	0.00293	J	2		6020
Nickel	0.0020	0.0088		0.00916		4		6020
Selenium	0.0020	0.00070	J	0.00144	J	69		6020
Silver	0.0020	ND		ND		NC		6020
Tin	0.0070	0.00044	J	0.000440	J	1		6020
Zinc	0.0070	0.019		0.0198		5		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 580-82227/17-A

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

Sample Matrix: Water LCS Source: m-GPS-2_00017

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Antimony	3.00	2.66		89	80	120		6020
Arsenic	4.00	3.93		98	80	120		6020
Barium	4.00	3.66		92	80	120		6020
Beryllium	0.100	0.0896		90	80	120		6020
Cadmium	0.100	0.0908		91	80	120		6020
Chromium	0.400	0.397		99	80	120		6020
Copper	0.500	0.518		104	80	120		6020
Lead	1.00	1.03		103	80	120		6020
Molybdenum	5.00	4.46		89	80	120		6020
Nickel	1.00	1.01		101	80	120		6020
Selenium	4.00	3.90		97	80	120		6020
Silver	0.600	0.554		92	80	120		6020
Tin	5.00	4.54		91	80	120		6020
Zinc	1.00	0.992		99	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS - TOTAL RECOVERABLE

Lab ID: LCSD 580-82227/18-A

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

Sample Matrix: Water LCS Source: m-GPS-2_00017

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Antimony	2.63		3.00	88	80-120	1	20		6020
Arsenic	3.95		4.00	99	80-120	0	20		6020
Barium	3.64		4.00	91	80-120	1	20		6020
Beryllium	0.0926		0.100	93	80-120	3	20		6020
Cadmium	0.0858		0.100	86	80-120	6	20		6020
Chromium	0.400		0.400	100	80-120	1	20		6020
Copper	0.530		0.500	106	80-120	2	20		6020
Lead	1.03		1.00	103	80-120	1	20		6020
Molybdenum	4.41		5.00	88	80-120	1	20		6020
Nickel	1.02		1.00	102	80-120	0	20		6020
Selenium	3.97		4.00	99	80-120	2	20		6020
Silver	0.555		0.600	92	80-120	0	20		6020
Tin	4.52		5.00	90	80-120	0	20		6020
Zinc	1.00		1.00	100	80-120	1	20		6020

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS - TOTAL RECOVERABLE

Lab ID: LCSSRM 580-82227/19-A

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

Sample Matrix: Water LCS Source: m-GPS-2_00017

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Antimony	3.00	2.64		88	80	120		6020
Arsenic	4.00	3.93		98	80	120		6020
Barium	4.00	3.61		90	80	120		6020
Beryllium	0.100	0.0916		92	80	120		6020
Cadmium	0.100	0.0944		94	80	120		6020
Chromium	0.400	0.395		99	80	120		6020
Copper	0.500	0.530		106	80	120		6020
Lead	1.00	1.03		103	80	120		6020
Molybdenum	5.00	4.38		88	80	120		6020
Nickel	1.00	1.01		101	80	120		6020
Selenium	4.00	3.84		96	80	120		6020
Silver	0.600	0.566		94	80	120		6020
Tin	5.00	4.50		90	80	120		6020
Zinc	1.00	0.995		99	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82237/22-A

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00006

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00211		106	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82237/23-A

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00006

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.00211		0.00200	106	80-120	0	20		7470A

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82237/24-A

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00006

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00213		107	75	125		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TOTAL RECOVERABLE

Lab ID: 580-24953-6

SDG No:

Lab Name: TestAmerica Seattle Job No: 580-24953-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Antimony	ND		ND		NC		6020
Arsenic	0.0015	J	ND		NC		6020
Barium	0.081		0.0796		1.4		6020
Beryllium	ND		ND		NC		6020
Cadmium	ND		ND		NC		6020
Chromium	0.016		0.0121		NC		6020
Copper	0.0098		0.0109	J	11	V	6020
Lead	0.0025		0.00335	J	NC		6020
Molybdenum	0.0029	J	0.00420	J	NC		6020
Nickel	0.0088		0.00848	J	NC		6020
Selenium	0.00070	J	0.00225	J	NC		6020
Silver	ND		ND		NC		6020
Tin	0.00044	J	0.000500	J	NC		6020
Zinc	0.019		0.0178	J	NC		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job Number: 580-24953-1

SDG Number:

Matrix: Water Instrument ID: SEA026

Analysis Method: 6020 MDL Date: 10/26/2010 05:37

Prep Method: 3005A

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Antimony		0.0004	0.00008
Arsenic		0.0004	0.000048
Barium		0.0012	0.000054
Beryllium		0.0004	0.000052
Cadmium		0.0004	0.000028
Chromium		0.0004	0.000074
Copper		0.001	0.00003
Lead		0.0004	0.000034
Molybdenum		0.0008	0.000098
Nickel		0.0004	0.000044
Selenium		0.0004	0.000068
Silver		0.0004	0.00003
Tin		0.0014	0.0000178
Zinc		0.0014	0.0004

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job Number: 580-24953-1

SDG Number:

Matrix: Water Instrument ID: SEA026

Analysis Method: 6020 XMDL Date: 10/02/2008 10:31

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Antimony		0.0004	0.0004
Arsenic		0.0004	0.00024
Barium		0.0004	0.00027
Beryllium		0.0004	0.00026
Cadmium		0.0004	0.00014
Chromium		0.0004	0.00037
Copper		0.001	0.00015
Lead		0.0004	0.00017
Molybdenum		0.0004	0.00049
Nickel		0.0004	0.00022
Selenium		0.0004	0.00034
Silver		0.0004	0.00015
Tin		0.001	0.00089
Zinc		0.001	0.002

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24953-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Analysis Method: 7470A MDL Date: 10/26/2010 05:39

Prep Method: 7470A

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury		0.0002	0.000041

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24953-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Analysis Method: 7470A XMDL Date: 10/02/2008 10:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (ug/L)
Mercury		0.0002	0.000041

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Seattle Job No: 580-24953-1

SDG No.:

Instrument ID: SEA026 Date: 03/01/2010 06:52

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Antimony		4	6020
Arsenic		4	6020
Barium		4	6020
Beryllium		4	6020
Cadmium		4	6020
Chromium		4	6020
Copper		4	6020
Lead		4	6020
Molybdenum		4	6020
Nickel		4	6020
Selenium		4	6020
Silver		4	6020
Tin		4	6020
Zinc		4	6020

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Preparation Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-24953-6	03/14/2011 12:17	82227		50	50
580-24953-6 DU	03/14/2011 12:17	82227		50	50
580-24953-6 MS	03/14/2011 12:17	82227		50	50
580-24953-6 MSD	03/14/2011 12:17	82227		50	50
580-24953-1	03/14/2011 12:17	82227		50	50
580-24953-2	03/14/2011 12:17	82227		50	50
580-24953-3	03/14/2011 12:17	82227		50	50
580-24953-5	03/14/2011 12:17	82227		50	50
580-24953-7	03/14/2011 12:17	82227		50	50
580-24953-8	03/14/2011 12:17	82227		50	50
580-24953-9	03/14/2011 12:17	82227		50	50
580-24953-10	03/14/2011 12:17	82227		50	50
580-24953-11	03/14/2011 12:17	82227		50	50
580-24953-12	03/14/2011 12:17	82227		50	50
580-24953-13	03/14/2011 12:17	82227		50	50
MB 580-82227/16-A	03/14/2011 12:17	82227		50	50
LCS 580-82227/17-A	03/14/2011 12:17	82227		50	50
LCSD 580-82227/18-A	03/14/2011 12:17	82227		50	50
LCSSRM 580-82227/19-A	03/14/2011 12:17	82227		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-24953-5	03/14/2011 14:06	82237		50	50
580-24953-5 DU	03/14/2011 14:06	82237		50	50
580-24953-5 MS	03/14/2011 14:06	82237		50	50
580-24953-5 MSD	03/14/2011 14:06	82237		50	50
580-24953-1	03/14/2011 14:06	82237		50	50
580-24953-2	03/14/2011 14:06	82237		50	50
580-24953-3	03/14/2011 14:06	82237		50	50
580-24953-6	03/14/2011 14:06	82237		50	50
580-24953-7	03/14/2011 14:06	82237		50	50
580-24953-8	03/14/2011 14:06	82237		50	50
580-24953-9	03/14/2011 14:06	82237		50	50
580-24953-10	03/14/2011 14:06	82237		50	50
580-24953-11	03/14/2011 14:06	82237		50	50
580-24953-12	03/14/2011 14:06	82237		50	50
580-24953-13	03/14/2011 14:06	82237		50	50
MB 580-82237/21-A	03/14/2011 14:06	82237		50	50
LCS 580-82237/22-A	03/14/2011 14:06	82237		50	50
LCSD 580-82237/23-A	03/14/2011 14:06	82237		50	50
LCSSRM 580-82237/24-A	03/14/2011 14:06	82237		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 03/15/2011 08:29 End Date: 03/15/2011 11:38

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
STD0 580-82307/1 IC	1		08:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD1 580-82307/2 IC	1		08:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD2 580-82307/3 IC	1		08:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD3 580-82307/4 IC	1		08:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD4 580-82307/5 IC	1		08:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD5 580-82307/6 IC	1		08:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICV 580-82307/7	1		08:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICB 580-82307/8	1		08:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSA 580-82307/9	1		09:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSAB 580-82307/10	1		09:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CRI 580-82307/11	1		09:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82307/12	1		09:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82307/13	1		09:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
MB 580-82227/16-A	5	R	09:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-6 SD	25	R	09:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-6	5	R	09:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-6 DU	5	R	09:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-6 MS	50	R	09:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-6 MSD	50	R	10:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-6 PDS	50	R	10:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCS 580-82227/17-A	50	R	10:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSD 580-82227/18-A	50	R	10:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSSRM 580-82227/19-A	50	R	10:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82307/24	1		10:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82307/25	1		10:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-1	5	R	10:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-2	5	R	10:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-3	5	R	10:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-5	5	R	10:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-7	5	R	10:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-8	5	R	10:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-10	5	R	10:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-12	5	R	11:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-13	5	R	11:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82307/35	1		11:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82307/36	1		11:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-9	5	R	11:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-24953-11	5	R	11:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-82307/39	1		11:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-82307/40	1		11:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X						

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 03/15/2011 08:29 End Date: 03/15/2011 11:38

Prep Types
R = Total Recoverable

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 03/15/2011 08:40 End Date: 03/15/2011 10:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
STD0 580-82302/1 IC			08:40	X																			
STD1 580-82302/2 IC			08:42	X																			
STD2 580-82302/3 IC			08:45	X																			
STD3 580-82302/4 IC			08:48	X																			
STD4 580-82302/5 IC			08:50	X																			
STD5 580-82302/6 IC			08:53	X																			
ICV 580-82302/7	1		08:55	X																			
ICB 580-82302/8	1		08:58	X																			
CCV 580-82302/9	1		09:03	X																			
CCB 580-82302/10	1		09:06	X																			
MB 580-82237/21-A	1	T	09:08	X																			
LCS 580-82237/22-A	1	T	09:11	X																			
LCSD 580-82237/23-A	1	T	09:13	X																			
LCSSRM 580-82237/24-A	1	T	09:16	X																			
580-24953-5	1	T	09:19	X																			
580-24953-5 DU	1	T	09:21	X																			
580-24953-5 MS	1	T	09:24	X																			
580-24953-5 MSD	1	T	09:26	X																			
580-24953-1	1	T	09:29	X																			
580-24953-2	1	T	09:32	X																			
CCV 580-82302/21	1		09:34	X																			
CCB 580-82302/22	1		09:37	X																			
580-24953-3	1	T	09:39	X																			
580-24953-6	1	T	09:42	X																			
580-24953-7	1	T	09:45	X																			
580-24953-8	1	T	09:47	X																			
580-24953-9	1	T	09:50	X																			
580-24953-11	1	T	09:52	X																			
580-24953-10	1	T	09:55	X																			
580-24953-12	1	T	09:57	X																			
580-24953-13	1	T	10:00	X																			
ZZZZZZ			10:03																				
CCV 580-82302/33	1		10:05	X																			
CCB 580-82302/34	1		10:08	X																			
ZZZZZZ			10:10																				
ZZZZZZ			10:13																				
ZZZZZZ			10:16																				
ZZZZZZ			10:18																				
CCV 580-82302/39			10:21																				
CCB 580-82302/40			10:23																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 03/15/2011 08:40 End Date: 03/15/2011 10:23

Prep Types
T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24953-1

SDG No.:

ICP-MS Instrument ID: SEA026 Start Date: 03/15/2011 End Date: 03/15/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element Rh	Q	Element Lu	Q
STD0 580-82307/1 IC	08:29										
STD1 580-82307/2 IC	08:33										
STD2 580-82307/3 IC	08:37										
STD3 580-82307/4 IC	08:41										
STD4 580-82307/5 IC	08:45										
STD5 580-82307/6 IC	08:49										
ICV 580-82307/7	08:54										
ICB 580-82307/8	08:58										
ICSA 580-82307/9	09:06										
ICSAB 580-82307/10	09:10										
CRI 580-82307/11	09:29										
CCV 580-82307/12	09:33										
CCB 580-82307/13	09:37										
MB 580-82227/16-A	09:41										
580-24953-6 SD	09:46										
580-24953-6	09:50										
580-24953-6 DU	09:54										
580-24953-6 MS	09:58										
580-24953-6 MSD	10:02										
580-24953-6 PDS	10:06										
LCS 580-82227/17-A	10:10										
LCSD 580-82227/18-A	10:15										
LCSSRM	10:19										
CCV 580-82307/24	10:23										
CCB 580-82307/25	10:27										
580-24953-1	10:31										
580-24953-2	10:35										
580-24953-3	10:39										
580-24953-5	10:43										
580-24953-7	10:48										
580-24953-8	10:52										
580-24953-10	10:56										
580-24953-12	11:00										
580-24953-13	11:04										
CCV 580-82307/35	11:09										
CCB 580-82307/36	11:13										
580-24953-9	11:17										
580-24953-11	11:21										
CCV 580-82307/39	11:34										
CCB 580-82307/40	11:38										

Metals Worksheet

Batch Number: 580-82227
Method: 3005A
Analyst: Boardway, Peter A

Date Open: Mar 14 2011 12:17PM
Batch End: Mar 14 2011 4:30PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	m-GPS-1_00020	m-GPS-2_00017	m-GPS-3_00017	m-GPS-4_00019
580-24953-D-6	YK-MW-2	3005A, 6020	R	50 mL	50 mL				
580-24953-D-6~DU	YK-MW-2	3005A, 6020	R	50 mL	50 mL				
580-24953-D-6~MS	YK-MW-2	3005A, 6020	R	50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
580-24953-D-6~MSD	YK-MW-2	3005A, 6020	R	50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
580-24953-D-1	Irrigation Well	3005A, 6020	R	50 mL	50 mL				
580-24953-D-2	YK-MW-A	3005A, 6020	R	50 mL	50 mL				
580-24953-D-3	YK-MW-B	3005A, 6020	R	50 mL	50 mL				
580-24953-D-5	YK-MW-1	3005A, 6020	R	50 mL	50 mL				
580-24953-D-7	YK-MW-3	3005A, 6020	R	50 mL	50 mL				
580-24953-D-8	YK-MW-4	3005A, 6020	R	50 mL	50 mL				
580-24953-D-9	YK-MW-5	3005A, 6020	R	50 mL	50 mL				
580-24953-D-10	YK-MW-6	3005A, 6020	R	50 mL	50 mL				
580-24953-D-11	YK-MW-7	3005A, 6020	R	50 mL	50 mL				
580-24953-D-12	YK-MW11	3005A, 6020	R	50 mL	50 mL				
580-24953-D-13	YK-Equipment Blank	3005A, 6020	R	50 mL	50 mL				
MB~580-82227/16		3005A, 6020		50 mL	50 mL				
LCS~580-82227/17		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSD~580-82227/18		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSSRM~580-82227/19		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL

Metals Worksheet

Batch Number: 580-82227
Method: 3005A
Analyst: Boardway, Peter A

Date Open: Mar 14 2011 12:17PM
Batch End: Mar 14 2011 4:30PM

Lab ID	Client ID	Method Chain	Basis	MS-HgSpk_00010
580-24953-D-6	YK-MW-2	3005A, 6020	R	
580-24953-D-6~DU	YK-MW-2	3005A, 6020	R	
580-24953-D-6~MS	YK-MW-2	3005A, 6020	R	1 mL
580-24953-D-6~MSD	YK-MW-2	3005A, 6020	R	1 mL
580-24953-D-1	Irrigation Well	3005A, 6020	R	
580-24953-D-2	YK-MW-A	3005A, 6020	R	
580-24953-D-3	YK-MW-B	3005A, 6020	R	
580-24953-D-5	YK-MW-1	3005A, 6020	R	
580-24953-D-7	YK-MW-3	3005A, 6020	R	
580-24953-D-8	YK-MW-4	3005A, 6020	R	
580-24953-D-9	YK-MW-5	3005A, 6020	R	
580-24953-D-10	YK-MW-6	3005A, 6020	R	
580-24953-D-11	YK-MW-7	3005A, 6020	R	
580-24953-D-12	YK-MW11	3005A, 6020	R	
580-24953-D-13	YK-Equipment Blank	3005A, 6020	R	
MB~580-82227/16		3005A, 6020		
LCS~580-82227/17		3005A, 6020		1 mL
LCSD~580-82227/18		3005A, 6020		1 mL
LCSSRM~580-82227/19		3005A, 6020		1 mL

Digestion Tube/Cup Lot #: 660786
Hot Block ID number: 38010
Hood ID or number: 06
Lot # of Nitric Acid: 657999
Lot # of hydrochloric acid: 659246
Uncorrected Temperature: 95 Celsius
Oven, Bath or Block Temperature 1: 94 CORRECTED-TEMP
ID number of the thermometer: 15-041-1A-A
Pipette ID: 20051014

Metals Worksheet

Batch Number: 580-82237
Method: 7470A
Analyst: Boardway, Peter A

Date Open: Mar 15 2011 6:34AM
Batch End: Mar 15 2011 9:05AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	Hg_CAL_WORK_00006
580-24953-D-5	YK-MW-1	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-5~DU	YK-MW-1	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-5~MS	YK-MW-1	7470A, 7470A	T	50 mL	50 mL	1 mL
580-24953-D-5~MSD	YK-MW-1	7470A, 7470A	T	50 mL	50 mL	1 mL
580-24953-D-1	Irrigation Well	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-2	YK-MW-A	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-3	YK-MW-B	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-6	YK-MW-2	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-7	YK-MW-3	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-8	YK-MW-4	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-9	YK-MW-5	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-10	YK-MW-6	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-11	YK-MW-7	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-12	YK-MW11	7470A, 7470A	T	50 mL	50 mL	
580-24953-D-13	YK-Equipment Blank	7470A, 7470A	T	50 mL	50 mL	
580-24914-D-1			T	50 mL	50 mL	
580-24911-D-1			T	50 mL	50 mL	
580-24931-B-5			T	50 mL	50 mL	
580-24656-A-1-A			P	5 mL	50 mL	
580-24656-A-2-A			P	5 mL	50 mL	
MB~580-82237/21		7470A, 7470A		50 mL	50 mL	
LCS~580-82237/22		7470A, 7470A		50 mL	50 mL	1 mL
LCSD~580-82237/23		7470A, 7470A		50 mL	50 mL	1 mL
LCSSRM~580-82237/24		7470A, 7470A		50 mL	50 mL	1 mL

Uncorrected Temperature:	95 Celsius	Potassium Permanganate Lot Number:	654649
Oven, Bath or Block Temperature 1:	94 CORRECTED-TEMP Celsius	Potassium Persulfate Lot Number:	654652
Digestion Tube/Cup Lot #:	660786	Stannous Chloride Lot Number:	654645
Hood ID or number:	06	Hydroxylamine Hydrochloride Lot:	654643
Hot Block ID number:	38008	NaCL Lot #:	654642
ID number of the thermometer:	15-041-1A-A	Pipette ID:	20051014
Temperature:	94 CORRECTED-TEMP		
Lot # of Nitric Acid:	657999		
Lot # of hydrochloric acid:	659246		
Sulfuric Acid Lot Number:	609316		

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 580-24953-1

Login Number: 24953

List Source: TestAmerica Seattle

List Number: 1

Creator: Gamble, Cathy

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

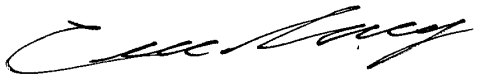
ANALYTICAL REPORT

Job Number: 580-24977-1

Job Description: Yakima, WA Phase II

For:
MWH Americas Inc
5100 SW Macadam Ave.
Ste 420
Portland, OR 97239

Attention: Mr. Joseph M Rock



Approved for release.
Curtis Armstrong
Project Manager I
3/28/2011 4:15 PM

Curtis Armstrong
Project Manager I
curtis.armstrong@testamericainc.com
03/28/2011

cc: Mr. Norman M Cira
Eric Gropp

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This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

Table of Contents

Cover Title Page 1

Data Summaries 6

Report Narrative 6

Manual Integration Summary 9

Sample Summary 23

Method Summary 24

Sample Datasheets 26

Surrogate Summary 36

QC Data Summary 42

Data Qualifiers 63

QC Association Summary 64

Lab Chronicle 70

Organic Sample Data 75

GC/MS VOA 75

Method 8260B 75

Method 8260B QC Summary 76

Method 8260B Sample Data 86

Standards Data 88

Method 8260B ICAL Data 88

Method 8260B CCAL Data 100

Raw QC Data 106

Method 8260B Blank Data 106

Method 8260B LCS/LCSD Data 107

Method 8260B MS/MSD Data 108

Method 8260B Run Logs 110

Method 8260B Prep Data 112

Table of Contents

GC/MS Semi VOA 113

Method 8270C 113

Method 8270C QC Summary 114

Method 8270C Sample Data 125

Standards Data 127

Method 8270C ICAL Data 127

Method 8270C CCAL Data 137

Raw QC Data 142

Method 8270C Blank Data 142

Method 8270C LCS/LCSD Data 143

Method 8270C MS/MSD Data 144

Method 8270C Run Logs 145

Method 8270C Prep Data 147

GC Semi VOA 151

Method 8082 151

Method 8082 QC Summary 152

Method 8082 Sample Data 166

Standards Data 168

Method 8082 ICAL Data 168

Method 8082 CCAL Data 198

Raw QC Data 258

Method 8082 Blank Data 258

Method 8082 LCS/LCSD Data 260

Method 8082 Run Logs 263

Method 8082 Prep Data 268

Inorganic Sample Data 270

Table of Contents

Metals Data 270

Met Cover Page 271

Met Sample Data 272

Met QC Data 274

Met ICV/CCV 274

Met CRQL 277

Met Blanks 278

Met ICSA/ICSAB 282

Met MS/MSD/PDS 284

Met Dup/Trip 287

Met LCS/LCSD 288

Met MDL 294

Met Linear Ranges 302

Met Preparation Log 303

Met Analysis Run Log 305

Met Prep Data 310

General Chemistry Data 315

Gen Chem Cover Page 316

Gen Chem Sample Data 317

Gen Chem QC Data 321

Gen Chem ICV/CCV 321

Gen Chem Blanks 322

Gen Chem MS/MSD/PDS 323

Gen Chem Duplicates 325

Gen Chem LCS/LCSD 327

Gen Chem MDL 328

Table of Contents

Gen Chem Preparation Log 333
Gen Chem Analysis Run Log 335
Gen Chem Prep Data 339
Shipping and Receiving Documents 344
Client Chain of Custody 345
Sample Receipt Checklist 346

CASE NARRATIVE

Client: MWH Americas Inc

Project: Yakima, WA Phase II

Report Number: 580-24977-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interfererences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 03/14/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.7 and 5.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples YK-IDW-Soil (580-24977-1) and YK-IDW-GW (580-24977-2) were analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 03/15/2011 and analyzed on 03/22/2011.

2-Butanone was detected in method blank MB 580-82341/4-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

The laboratory control sample (LCS) for batch 580-82736 exceeded upper control limits for 2-Butanone. This analyte was biased high in the LCS and was not detected in the associated samples above the RL. Additionally, the recovery of 2-Butanone was within limits in the associated MS/MSD; therefore, the data have been reported.

Surrogate recovery of Ethylbenzene-d10 for the LCS/MS/MSD associated with batch 580-82341 exceeded upper QC limits. The recovery of all spiked targets and sample surrogates were within QC limits; therefore, the data were reported.

The matrix spike duplicate (MSD) recoveries for batch 82736 were outside control limits for the target analyte Tetrachloroethene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Samples YK-IDW-Soil (580-24977-1)[100X] and YK-IDW-GW (580-24977-2)[100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the TCLP volatiles analyses.

All other quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample YK-IDW-Soil (580-24977-1) was analyzed for TCLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8270C. The samples were leached on 03/15/2011, prepared on 03/21/2011 and analyzed on 03/23/2011.

No difficulties were encountered during the TCLP semivolatiles analysis.

All quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample YK-IDW-GW (580-24977-2) was analyzed for TCLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846

Method 8270C. The samples were leached on 03/15/2011, prepared on 03/21/2011 and analyzed on 03/23/2011.

No difficulties were encountered during the TCLP semivolatiles analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)
Samples YK-IDW-Soil (580-24977-1) and YK-IDW-GW (580-24977-2) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/16/2011 and analyzed on 03/18/2011.

Surrogate recovery for the following sample(s) was outside control limits: 580-24977-1. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis were not performed.

The following sample) required a sulfuric acid clean-up to reduce matrix interferences: YK-IDW-Soil (580-24977-1) and YK-IDW-GW (580-24977-2).

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

TCLP METALS
Samples YK-IDW-Soil (580-24977-1) and YK-IDW-GW (580-24977-2) were analyzed for TCLP metals in accordance with EPA SW-846 Methods 1311/ 6010B. The samples were leached on 03/15/2011, prepared on 03/16/2011 and analyzed on 03/17/2011.

Barium was detected in method blank MB 580-82340/15-B at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the TCLP metals analyses.

All other quality control parameters were within the acceptance limits.

TCLP MERCURY
Samples YK-IDW-Soil (580-24977-1) and YK-IDW-GW (580-24977-2) were analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 03/15/2011, prepared on 03/16/2011 and analyzed on 03/21/2011.

No difficulties were encountered during the TCLP mercury analyses.

All quality control parameters were within the acceptance limits.

PH (CORROSIVITY)
Sample YK-IDW-GW (580-24977-2) was analyzed for pH (corrosivity) in accordance with EPA Method 150.1. The samples were analyzed on 03/16/2011.

No difficulties were encountered during the pH analysis.

All quality control parameters were within the acceptance limits.

REACTIVE CYANIDE
Samples YK-IDW-Soil (580-24977-1) and YK-IDW-GW (580-24977-2) were analyzed for reactive cyanide in accordance with EPA SW-846 Method 9014. The samples were prepared on 03/22/2011 and analyzed on 03/23/2011.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

REACTIVE SULFIDE
Samples YK-IDW-Soil (580-24977-1) and YK-IDW-GW (580-24977-2) were analyzed for reactive sulfide in accordance with EPA SW-846 Method 7.3.4. The samples were prepared on 03/22/2011 and analyzed on 03/23/2011.

No difficulties were encountered during the reactive sulfide analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS
Sample YK-IDW-Soil (580-24977-1) was analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 03/16/2011.

The matrix duplicate %RPD for percent moisture was outside the control limits due to non homogeneity of the sample. This sample is a mixture of soil and rocks. The percent solids %RPD was within acceptance limits.

No other difficulties were encountered during the % solids analysis.

All other quality control parameters were within the acceptance limits.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC001 Analysis Batch Number: 80547

Lab Sample ID: STD1 580-80547/4 IC Client Sample ID:

Date Analyzed: 02/10/11 10:53 Lab File ID: G3013572.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	1.17	Split Peak	ryant	02/11/11 10:26
Acetone	1.57	Split Peak	ryant	02/11/11 10:26
Carbon disulfide	1.64	Split Peak	ryant	02/11/11 10:26
Acetonitrile	1.68	Split Peak	ryant	02/11/11 10:26
1,1,1-Trichloroethane	2.43	Split Peak	ryant	02/11/11 10:26
n-Butyl alcohol	2.79	Split Peak	ryant	02/11/11 10:26
1,2,3-Trichloropropane	4.42	Split Peak	ryant	02/11/11 10:26
1,2-Dibromo-3-Chloropropane	5.61	Split Peak	ryant	02/11/11 10:26

Lab Sample ID: STD2 580-80547/5 IC Client Sample ID:

Date Analyzed: 02/10/11 11:17 Lab File ID: G3013573.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butyl alcohol	2.79		ryant	02/11/11 10:26
1,2,3-Trichloropropane	4.42		ryant	02/11/11 10:26
1,2-Dibromo-3-Chloropropane	5.62		ryant	02/11/11 10:26

Lab Sample ID: STD5 580-80547/6 IC Client Sample ID:

Date Analyzed: 02/10/11 11:45 Lab File ID: G3013574.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	1.64	Split Peak	ryant	02/11/11 10:28
Tetrahydrofuran	2.37		ryant	02/11/11 10:28
Isobutanol	2.54		ryant	02/11/11 10:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC001 Analysis Batch Number: 80547

Lab Sample ID: STD10 580-80547/7 IC Client Sample ID:

Date Analyzed: 02/10/11 12:09 Lab File ID: G3013575.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	1.64	Split Peak	ryant	02/11/11 10:29

Lab Sample ID: ICV 580-80547/15 Client Sample ID:

Date Analyzed: 02/10/11 15:22 Lab File ID: G3013583.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Butyl alcohol	2.79	Baseline	ryant	02/11/11 10:44

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC001 Analysis Batch Number: 82736

Lab Sample ID: CCVIS 580-82736/2 Client Sample ID:

Date Analyzed: 03/22/11 11:06 Lab File ID: G3014014.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3,5-Trimethylbenzene	4.50		ryant	03/22/11 15:54

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC002 Analysis Batch Number: 80088

Lab Sample ID: IC 580-80088/3 Client Sample ID:

Date Analyzed: 02/01/11 16:14 Lab File ID: AT158409.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.22	Other	phama	02/02/11 11:44
2-Fluorophenol	3.03	Baseline	phama	02/02/11 11:44
Bis(2-chloroethyl)ether	3.72	Other	phama	02/02/11 11:44
2-Chlorophenol	3.79	Baseline	phama	02/02/11 11:44
1,4-Dichlorobenzene	3.93	Wrong peak	phama	02/02/11 11:44
3 & 4 Methylphenol	4.22	Wrong peak	phama	02/02/11 11:44
Hexachloroethane	4.30	Assign Peak	phama	02/02/11 11:44
2,4-Dimethylphenol	4.63	Other	phama	02/02/11 11:44
Naphthalene	4.92	Wrong peak	phama	02/02/11 11:44
Hexachlorobutadiene	5.01	Assign Peak	phama	02/02/11 11:44
2,3,5,6-Tetrachlorophenol	6.57	Wrong peak	phama	02/02/11 11:44
4,6-Dinitro-2-methylphenol	6.81	Wrong peak	phama	02/02/11 11:44
Hexachlorobenzene	7.23	Wrong peak	phama	02/02/11 11:44
3,3'-Dichlorobenzidine	9.75	Wrong peak	phama	02/02/11 11:44
Benzo[a]anthracene	9.79	Wrong peak	phama	02/02/11 11:44
Chrysene	9.82	Other	phama	02/02/11 11:44
Benzofluoranthene	10.91	Other	phama	02/02/11 11:44
Benzo[k]fluoranthene	10.94	Wrong peak	phama	02/02/11 11:44
Dibenz(a,h)anthracene	12.64	Other	phama	02/02/11 11:44
Benzo[g,h,i]perylene	13.01	Other	phama	02/02/11 11:44

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC002 Analysis Batch Number: 80088

Lab Sample ID: IC 580-80088/4 Client Sample ID:

Date Analyzed: 02/01/11 16:36 Lab File ID: AT158410.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isophorone	4.53	Wrong peak	phama	02/02/11 11:48
Hexachlorocyclopentadiene	5.60	Wrong peak	phama	02/02/11 11:48
2-Nitroaniline	5.95	Wrong peak	phama	02/02/11 11:48
Dimethyl phthalate	6.09	Assign Peak	phama	02/02/11 11:48
2,4-Dinitrophenol	6.37	Assign Peak	phama	02/02/11 11:48
4-Nitrophenol	6.50	Other	phama	02/02/11 11:48
Pentachlorophenol	7.40	Wrong peak	phama	02/02/11 11:48
3,3'-Dichlorobenzidine	9.76	Wrong peak	phama	02/02/11 11:48
Benzo[a]anthracene	9.78	Wrong peak	phama	02/02/11 11:48
Benzofluoranthene	10.90	Other	phama	02/02/11 11:48
Indeno[1,2,3-cd]pyrene	12.62	Other	phama	02/02/11 11:48
Dibenz(a,h)anthracene	12.65	Other	phama	02/02/11 11:48
Benzo[g,h,i]perylene	13.01	Wrong peak	phama	02/02/11 11:48

Lab Sample ID: IC 580-80088/5 Client Sample ID:

Date Analyzed: 02/01/11 16:57 Lab File ID: AT158411.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Phenol	3.67	Wrong peak	phama	02/02/11 11:52
2,4-Dinitrophenol	6.37	Wrong peak	phama	02/02/11 11:52
2,4-Dinitrotoluene	6.47	Assign Peak	phama	02/02/11 11:52
Benzofluoranthene	10.90	Other	phama	02/02/11 11:52
Benzo[k]fluoranthene	10.93	Wrong peak	phama	02/02/11 11:52
Benzo[a]pyrene	11.25	Wrong peak	phama	02/02/11 11:52
Indeno[1,2,3-cd]pyrene	12.62	Other	phama	02/02/11 11:52
Dibenz(a,h)anthracene	12.64	Other	phama	02/02/11 11:52

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC002 Analysis Batch Number: 80088

Lab Sample ID: IC 580-80088/6 Client Sample ID:

Date Analyzed: 02/01/11 17:18 Lab File ID: AT158412.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.68	Wrong peak	phama	02/02/11 11:54
Naphthalene	4.92	Wrong peak	phama	02/02/11 11:54
2,4-Dinitrophenol	6.37	Wrong peak	phama	02/02/11 11:54
Benzofluoranthene	10.90	Other	phama	02/02/11 11:54
Indeno[1,2,3-cd]pyrene	12.62	Baseline	phama	02/02/11 11:54
Benzo[g,h,i]perylene	13.00	Wrong peak	phama	02/02/11 11:54

Lab Sample ID: IC 580-80088/7 Client Sample ID:

Date Analyzed: 02/01/11 17:39 Lab File ID: AT158413.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.69	Wrong peak	phama	02/02/11 11:55
Naphthalene	4.92	Wrong peak	phama	02/02/11 11:55
2,4-Dinitrophenol	6.37	Wrong peak	phama	02/02/11 11:55
Benzofluoranthene	10.90	Other	phama	02/02/11 11:55
Benzo[g,h,i]perylene	13.00	Baseline	phama	02/02/11 11:55

Lab Sample ID: ICIS 580-80088/8 Client Sample ID:

Date Analyzed: 02/01/11 18:01 Lab File ID: AT158414.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.68	Wrong peak	phama	02/02/11 11:14
2,4-Dinitrophenol	6.37	Wrong peak	phama	02/02/11 11:14
4-Nitrophenol	6.49	Wrong peak	phama	02/02/11 11:14
Benzofluoranthene	10.90	Other	phama	02/02/11 11:14
Benzo[k]fluoranthene	10.93	Wrong peak	phama	02/02/11 11:14

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC002 Analysis Batch Number: 80088

Lab Sample ID: IC 580-80088/9 Client Sample ID:

Date Analyzed: 02/01/11 18:22 Lab File ID: AT158415.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.69	Wrong peak	phama	02/02/11 11:20
2,4-Dinitrophenol	6.37	Wrong peak	phama	02/02/11 11:20
Benzofluoranthene	10.90	Other	phama	02/02/11 11:20

Lab Sample ID: IC 580-80088/10 Client Sample ID:

Date Analyzed: 02/01/11 18:43 Lab File ID: AT158416.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.69	Wrong peak	phama	02/02/11 11:22
4-Nitroaniline	6.80	Wrong peak	phama	02/02/11 11:22
Carbazole	7.75	Baseline	phama	02/02/11 11:22
Benzofluoranthene	10.90	Other	phama	02/02/11 11:22

Lab Sample ID: ICV 580-80088/11 Client Sample ID:

Date Analyzed: 02/01/11 19:04 Lab File ID: AT158417.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aniline	3.69	Wrong peak	phama	02/02/11 12:17
2,4-Dinitrophenol	6.37	Wrong peak	phama	02/02/11 12:17
Benzofluoranthene	10.90	Other	phama	02/02/11 12:17

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC002 Analysis Batch Number: 82791

Lab Sample ID: CCVIS 580-82791/4 Client Sample ID:

Date Analyzed: 03/23/11 13:24 Lab File ID: AT158865.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
bis(chloroisopropyl) ether	3.93	Wrong peak	phama	03/23/11 13:56
3 & 4 Methylphenol	4.05	Wrong peak	phama	03/23/11 13:56
2,4,5-Trichlorophenol	5.58	Wrong peak	phama	03/24/11 09:20
Fluoranthene	8.37	Wrong peak	phama	03/23/11 13:56
Benzidine	8.48	Assign Peak	phama	03/23/11 13:56
Benzo[b]fluoranthene	10.67	Wrong peak	phama	03/24/11 09:20
Benzofluoranthene	10.69	Other	phama	03/23/11 13:56

Lab Sample ID: LCS 580-82655/2-A Client Sample ID:

Date Analyzed: 03/23/11 15:07 Lab File ID: AT158869.D GC Column: ZB-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3 & 4 Methylphenol	4.05	Wrong peak	phama	03/24/11 09:36

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/2 Client Sample ID:

Date Analyzed: 03/03/11 09:34 Lab File ID: CC155047.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.16	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 1	3.89	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 2	4.10	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 3	4.36	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 4	4.61	Baseline Smoothing	muirm	03/03/11 13:20
PCB-1016 Peak 5	4.82	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 1	5.84	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 2	6.02	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 3	6.31	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 4	6.79	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 5	7.07	Assign Peak	muirm	03/03/11 13:20
DCB Decachlorobiphenyl	7.87	Assign Peak	muirm	03/03/11 13:20

Lab Sample ID: IC 580-81563/2 Client Sample ID:

Date Analyzed: 03/03/11 09:34 Lab File ID: CC155047.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.90	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 2	4.10	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 3	4.40	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 4	4.66	Assign Peak	muirm	03/03/11 13:20
PCB-1016 Peak 5	4.85	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 1	5.89	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 2	6.12	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 3	6.35	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 4	6.87	Assign Peak	muirm	03/03/11 13:20
PCB-1260 Peak 5	7.09	Assign Peak	muirm	03/03/11 13:20
DCB Decachlorobiphenyl	7.90	Assign Peak	muirm	03/03/11 13:20

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/9 Client Sample ID:

Date Analyzed: 03/03/11 11:13 Lab File ID: CC155054.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:31

Lab Sample ID: IC 580-81563/10 Client Sample ID:

Date Analyzed: 03/03/11 11:27 Lab File ID: CC155055.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:31
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:31

Lab Sample ID: IC 580-81563/12 Client Sample ID:

Date Analyzed: 03/03/11 11:55 Lab File ID: CC155057.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	3.40	Incomplete Integration	muirm	03/03/11 13:32
PCB-1221 Peak 2	3.48	Incomplete Integration	muirm	03/03/11 13:32
PCB-1221 Peak 3	3.56	Incomplete Integration	muirm	03/03/11 13:32

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: IC 580-81563/12 Client Sample ID:

Date Analyzed: 03/03/11 11:55 Lab File ID: CC155057.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:32
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:32

Lab Sample ID: IC 580-81563/14 Client Sample ID:

Date Analyzed: 03/03/11 12:23 Lab File ID: CC155059.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 2	5.42	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 3	5.74	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 4	6.00	Baseline Smoothing	muirm	03/03/11 13:33
PCB-1254 Peak 5	6.36	Baseline Smoothing	muirm	03/03/11 13:33

Lab Sample ID: ICV 580-81563/15 Client Sample ID:

Date Analyzed: 03/03/11 12:38 Lab File ID: CC155060.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.21	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 2	5.42	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 3	5.74	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 4	6.00	Shouldering	muirm	03/03/11 13:35
PCB-1254 Peak 5	6.36	Shouldering	muirm	03/03/11 13:35

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 81563

Lab Sample ID: ICV 580-81563/22 Client Sample ID:

Date Analyzed: 03/03/11 16:20 Lab File ID: CC155072.D GC Column: ZB-MR-2 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	3.40	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 2	3.56	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 4	4.42	Peak not integrated	muirm	03/08/11 13:28

Lab Sample ID: ICV 580-81563/22 Client Sample ID:

Date Analyzed: 03/03/11 16:20 Lab File ID: CC155072.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	3.42	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 2	3.56	Baseline Smoothing	muirm	03/08/11 13:28
PCB-1232 Peak 4	4.55	Incomplete Integration	muirm	03/08/11 13:28
PCB-1232 Peak 5	4.55	Incomplete Integration	muirm	03/08/11 13:28

Lab Sample ID: IC 580-81563/30 Client Sample ID:

Date Analyzed: 03/03/11 18:13 Lab File ID: CC155080.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1268 Peak 1	7.09	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 2	7.15	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 3	7.29	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 4	7.54	Baseline Smoothing	muirm	03/08/11 10:51
PCB-1268 Peak 5	7.74	Baseline Smoothing	muirm	03/08/11 10:51

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 82442

Lab Sample ID: CCV 580-82442/28 Client Sample ID:

Date Analyzed: 03/17/11 17:02 Lab File ID: CC155484.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	5.89	Baseline Smoothing	muirm	03/18/11 09:04
PCB-1260 Peak 2	6.13	Baseline Smoothing	muirm	03/18/11 09:04
PCB-1260 Peak 3	6.36	Baseline Smoothing	muirm	03/18/11 09:04
PCB-1260 Peak 4	6.88	Baseline Smoothing	muirm	03/18/11 09:04
PCB-1260 Peak 5	7.10	Baseline Smoothing	muirm	03/18/11 09:04

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Analysis Batch Number: 82530

Lab Sample ID: CCV 580-82530/20 Client Sample ID:

Date Analyzed: 03/18/11 20:11 Lab File ID: CC155504.D GC Column: ZB-MR-1 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	5.89	Baseline Smoothing	muirm	03/21/11 10:22
PCB-1260 Peak 2	6.13	Baseline Smoothing	muirm	03/21/11 10:22
PCB-1260 Peak 3	6.36	Baseline Smoothing	muirm	03/21/11 10:22
PCB-1260 Peak 4	6.88	Baseline Smoothing	muirm	03/21/11 10:22
PCB-1260 Peak 5	7.10	Baseline Smoothing	muirm	03/21/11 10:22

SAMPLE SUMMARY

Client: MWH Americas Inc

Job Number: 580-24977-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-24977-1	YK-IDW-Soil	Solid	03/13/2011 0813	03/14/2011 0830
580-24977-2	YK-IDW-GW	Water	03/13/2011 1530	03/14/2011 0830

METHOD SUMMARY

Client: MWH Americas Inc | Job Number: 580-24977-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL SEA	SW846 8260B	
TCLP Extraction	TAL SEA		SW846 1311
Purge and Trap	TAL SEA		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL SEA	SW846 8270C	
TCLP Extraction	TAL SEA		SW846 1311
Liquid-Liquid Extraction (Separatory Funnel)	TAL SEA		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SEA	SW846 8082	
Ultrasonic Extraction	TAL SEA		SW846 3550B
Metals (ICP)	TAL SEA	SW846 6010B	
TCLP Extraction	TAL SEA		SW846 1311
Preparation, Total Metals	TAL SEA		SW846 3010A
Mercury (CVAA)	TAL SEA	SW846 7470A	
TCLP Extraction	TAL SEA		SW846 1311
Preparation, Mercury	TAL SEA		SW846 7470A
Cyanide, Reactive	TAL SEA	SW846 9014	
Cyanide, Reactive	TAL SEA		SW846 7.3.3
Sulfide, Acid Soluble and Insoluble (Titrimetric)	TAL SEA	SW846 9034	
Sulfide, Reactive	TAL SEA		SW846 7.3.4
Percent Moisture	TAL SEA	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL SEA	SW846 8260B	
TCLP Extraction	TAL SEA		SW846 1311
Purge and Trap	TAL SEA		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL SEA	SW846 8270C	
TCLP Extraction	TAL SEA		SW846 1311
Liquid-Liquid Extraction (Continuous)	TAL SEA		SW846 3520C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SEA	SW846 8082	
Liquid-Liquid Extraction (Continuous)	TAL SEA		SW846 3520C
Metals (ICP)	TAL SEA	SW846 6010B	
TCLP Extraction	TAL SEA		SW846 1311
Preparation, Total Metals	TAL SEA		SW846 3010A
Mercury (CVAA)	TAL SEA	SW846 7470A	
TCLP Extraction	TAL SEA		SW846 1311
Preparation, Mercury	TAL SEA		SW846 7470A
pH (Electrometric)	TAL SEA	MCAWW 150.1	
Cyanide, Reactive	TAL SEA	SW846 9014	
Cyanide, Reactive	TAL SEA		SW846 7.3.3
Sulfide, Acid Soluble and Insoluble (Titrimetric)	TAL SEA	SW846 9034	
Sulfide, Reactive	TAL SEA		SW846 7.3.4

Lab References:

TAL SEA = TestAmerica Seattle

METHOD SUMMARY

Client: MWH Americas Inc Job Number: 580-24977-1

Description	Lab Location	Method	Preparation Method

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Client: MWH Americas Inc Job Number: 580-24977-1

Client Sample ID: YK-IDW-Soil

Lab Sample ID: 580-24977-1 Date Sampled: 03/13/2011 0813
Client Matrix: Solid Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 580-82736		Instrument ID:	TAC001
Preparation:	5030B			Lab File ID:	G3014022.D
Dilution:	100	Leachate Batch: 580-82341		Initial Weight/Volume:	10 mL
Date Analyzed:	03/22/2011 1418			Final Weight/Volume:	10 mL
Date Prepared:	03/22/2011 1418				
Date Leached:	03/15/2011 1946				

Analyte	DryWt Corrected: N	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride		ND		15	100
1,1-Dichloroethene		ND		15	100
2-Butanone		550	J B *	150	1000
Chloroform		ND		15	100
Carbon tetrachloride		ND		15	100
Benzene		ND		15	100
1,2-Dichloroethane		ND		15	100
Trichloroethene		ND		15	100
Tetrachloroethene		ND		15	100
Chlorobenzene		ND		15	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	95		80 - 120
Toluene-d8 (Surr)	100		85 - 120
Ethylbenzene-d10	104		80 - 120
4-Bromofluorobenzene (Surr)	95		75 - 120
Trifluorotoluene (Surr)	111		80 - 120

Client: MWH Americas Inc Job Number: 580-24977-1

Client Sample ID: YK-IDW-GW

Lab Sample ID: 580-24977-2 Date Sampled: 03/13/2011 1530
Client Matrix: Water Date Received: 03/14/2011 0830

8260B Volatile Organic Compounds (GC/MS)-TCLP

Method:	8260B	Analysis Batch: 580-82736		Instrument ID:	TAC001
Preparation:	5030B			Lab File ID:	G3014023.D
Dilution:	100	Leachate Batch: 580-82341		Initial Weight/Volume:	10 mL
Date Analyzed:	03/22/2011 1442			Final Weight/Volume:	10 mL
Date Prepared:	03/22/2011 1442				
Date Leached:	03/15/2011 1946				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		15	100
1,1-Dichloroethene	ND		15	100
2-Butanone	570	J B *	150	1000
Chloroform	ND		15	100
Carbon tetrachloride	ND		15	100
Benzene	ND		15	100
1,2-Dichloroethane	ND		15	100
Trichloroethene	ND		15	100
Tetrachloroethene	ND		15	100
Chlorobenzene	ND		15	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	96		80 - 120
Toluene-d8 (Surr)	95		85 - 120
Ethylbenzene-d10	102		80 - 120
4-Bromofluorobenzene (Surr)	97		75 - 120
Trifluorotoluene (Surr)	110		80 - 120

Client: MWH Americas Inc | Job Number: 580-24977-1

Client Sample ID: **YK-IDW-Soil**

Lab Sample ID: 580-24977-1 | Date Sampled: 03/13/2011 0813
Client Matrix: Solid | Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 580-82791		Instrument ID:	TAC002
Preparation:	3510C	Prep Batch: 580-82655		Lab File ID:	AT158870.D
Dilution:	1.0	Leachate Batch: 580-82952		Initial Weight/Volume:	200 mL
Date Analyzed:	03/23/2011 1529			Final Weight/Volume:	10 mL
Date Prepared:	03/21/2011 1515			Injection Volume:	1 uL
Date Leached:	03/15/2011 1513				

Analyte	DryWt Corrected: N	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene		ND		2.5	10
2-Methylphenol		ND		2.5	10
3 & 4 Methylphenol		ND		2.5	20
Hexachloroethane		ND		2.5	15
Nitrobenzene		ND		2.5	10
Hexachlorobutadiene		ND		2.5	15
2,4,6-Trichlorophenol		ND		2.5	15
2,4,5-Trichlorophenol		ND		2.5	10
2,4-Dinitrotoluene		ND		2.5	10
Hexachlorobenzene		ND		2.5	10
Pentachlorophenol		ND		2.5	18
Pyridine		ND		15	50

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	94		44 - 148
Phenol-d5	101		33 - 147
Nitrobenzene-d5	87		49 - 154
2-Fluorobiphenyl	88		44 - 157
2,4,6-Tribromophenol	94		47 - 158
Terphenyl-d14	88		27 - 177

Client: MWH Americas Inc

Job Number: 580-24977-1

Client Sample ID: **YK-IDW-GW**

Lab Sample ID: 580-24977-2
Client Matrix: Water

Date Sampled: 03/13/2011 1530
Date Received: 03/14/2011 0830

8270C Semivolatile Organic Compounds (GC/MS)-TCLP

Method:	8270C	Analysis Batch: 580-82791		Instrument ID:	TAC002
Preparation:	3520C	Prep Batch: 580-82655		Lab File ID:	AT158871.D
Dilution:	1.0	Leachate Batch: 580-82952		Initial Weight/Volume:	200 mL
Date Analyzed:	03/23/2011 1550			Final Weight/Volume:	10 mL
Date Prepared:	03/21/2011 1515			Injection Volume:	1 uL
Date Leached:	03/15/2011 1513				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	ND		2.5	10
2-Methylphenol	ND		2.5	10
3 & 4 Methylphenol	ND		2.5	20
Hexachloroethane	ND		2.5	15
Nitrobenzene	ND		2.5	10
Hexachlorobutadiene	ND		2.5	15
2,4,6-Trichlorophenol	ND		2.5	15
2,4,5-Trichlorophenol	ND		2.5	10
2,4-Dinitrotoluene	ND		2.5	10
Hexachlorobenzene	ND		2.5	10
Pentachlorophenol	ND		2.5	18
Pyridine	ND		15	50

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	83		44 - 148
Phenol-d5	83		33 - 147
Nitrobenzene-d5	90		49 - 154
2-Fluorobiphenyl	86		44 - 157
2,4,6-Tribromophenol	91		47 - 158
Terphenyl-d14	89		27 - 177

Client: MWH Americas Inc | Job Number: 580-24977-1

Client Sample ID: **YK-IDW-Soil**

Lab Sample ID: 580-24977-1 | Date Sampled: 03/13/2011 0813
Client Matrix: Solid | % Moisture: 25.3 | Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82530	Instrument ID: TAC042
Preparation:	3550B	Prep Batch: 580-82392	Initial Weight/Volume: 10.6224 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/18/2011 1915		Injection Volume: 1 uL
Date Prepared:	03/16/2011 1515		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
PCB-1016		ND		0.0040	0.013
PCB-1221		ND		0.010	0.013
PCB-1232		ND		0.0088	0.013
PCB-1242		ND		0.0026	0.013
PCB-1248		ND		0.0038	0.013
PCB-1254		ND		0.0026	0.013
PCB-1260		ND		0.0038	0.013

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	50		45 - 155
DCB Decachlorobiphenyl	42	X I	60 - 125

Client: MWH Americas Inc

Job Number: 580-24977-1

Client Sample ID: **YK-IDW-GW**

Lab Sample ID: 580-24977-2
Client Matrix: Water

Date Sampled: 03/13/2011 1530
Date Received: 03/14/2011 0830

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-82530	Instrument ID: TAC042
Preparation:	3520C	Prep Batch: 580-82378	Initial Weight/Volume: 1060 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	03/18/2011 1957		Injection Volume: 1 uL
Date Prepared:	03/16/2011 1321		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	ND		0.042	0.47
PCB-1221	ND		0.058	0.47
PCB-1232	ND		0.039	0.47
PCB-1242	ND		0.039	0.47
PCB-1248	ND		0.067	0.47
PCB-1254	ND		0.042	0.47
PCB-1260	ND		0.037	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		60 - 150
DCB Decachlorobiphenyl	42		40 - 135

Client: MWH Americas Inc

Job Number: 580-24977-1

Client Sample ID: **YK-IDW-Soil**

Lab Sample ID: 580-24977-1
Client Matrix: Solid

Date Sampled: 03/13/2011 0813
Date Received: 03/14/2011 0830

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 580-82505		Instrument ID:	TAC047
Preparation:	3010A	Prep Batch: 580-82387		Lab File ID:	580-82387.asc
Dilution:	1.0	Leachate Batch: 580-82340		Initial Weight/Volume:	50 mL
Date Analyzed:	03/17/2011 1156			Final Weight/Volume:	50 mL
Date Prepared:	03/16/2011 1421				
Date Leached:	03/15/2011 1828				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Arsenic		0.010	J	0.0047	0.060
Barium		0.45	B	0.00050	0.010
Cadmium		ND		0.0015	0.010
Chromium		ND		0.0033	0.025
Lead		0.29		0.0021	0.030
Selenium		ND		0.0042	0.10
Silver		ND		0.0085	0.020

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 580-82646		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82390		Lab File ID:	82459-HG.CSV
Dilution:	1.0	Leachate Batch: 580-82340		Initial Weight/Volume:	50 mL
Date Analyzed:	03/21/2011 0955			Final Weight/Volume:	50 mL
Date Prepared:	03/16/2011 1433				
Date Leached:	03/15/2011 1828				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-24977-1

Client Sample ID: YK-IDW-GW

Lab Sample ID: 580-24977-2
Client Matrix: Water

Date Sampled: 03/13/2011 1530
Date Received: 03/14/2011 0830

6010B Metals (ICP)-TCLP

Method:	6010B	Analysis Batch: 580-82505		Instrument ID:	TAC047
Preparation:	3010A	Prep Batch: 580-82387		Lab File ID:	580-82387.asc
Dilution:	1.0	Leachate Batch: 580-82340		Initial Weight/Volume:	50 mL
Date Analyzed:	03/17/2011 1237			Final Weight/Volume:	50 mL
Date Prepared:	03/16/2011 1421				
Date Leached:	03/15/2011 1828				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	ND		0.0047	0.060
Barium	0.038	B	0.00050	0.010
Cadmium	ND		0.0015	0.010
Chromium	ND		0.0033	0.025
Lead	0.0059	J	0.0021	0.030
Selenium	ND		0.0042	0.10
Silver	ND		0.0085	0.020

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 580-82646		Instrument ID:	TAC103
Preparation:	7470A	Prep Batch: 580-82390		Lab File ID:	82459-HG.CSV
Dilution:	1.0	Leachate Batch: 580-82340		Initial Weight/Volume:	50 mL
Date Analyzed:	03/21/2011 1005			Final Weight/Volume:	50 mL
Date Prepared:	03/16/2011 1433				
Date Leached:	03/15/2011 1828				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

General Chemistry

Client Sample ID: YK-IDW-Soil

Lab Sample ID: 580-24977-1 Date Sampled: 03/13/2011 0813
Client Matrix: Solid Date Received: 03/14/2011 0830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Cyanide, Reactive	ND		mg/Kg	20	20	1.0	9014
Analysis Batch: 580-82781	Date Analyzed: 03/23/2011 0932						DryWt Corrected: N
Prep Batch: 580-82704	Date Prepared: 03/22/2011 1001						
Sulfide, Reactive	ND		mg/Kg	27	27	1.0	9034
Analysis Batch: 580-82789	Date Analyzed: 03/23/2011 1027						DryWt Corrected: Y
Prep Batch: 580-82706	Date Prepared: 03/22/2011 1006						
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82351	Date Analyzed: 03/16/2011 0840						DryWt Corrected: N
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 580-82351	Date Analyzed: 03/16/2011 0840						DryWt Corrected: N

General Chemistry

Client Sample ID: **YK-IDW-GW**

Lab Sample ID: 580-24977-2 Date Sampled: 03/13/2011 1530
Client Matrix: Water Date Received: 03/14/2011 0830

Analyte	Result	Qual	Units	Dil	Method
pH	7.58	HF	SU	1.0	150.1
Analysis Batch: 580-82397	Date Analyzed: 03/16/2011 1407				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Cyanide, Reactive	ND		mg/L	12	12	1.0	9014
Analysis Batch: 580-82781	Date Analyzed: 03/23/2011 0932						
Prep Batch: 580-82704	Date Prepared: 03/22/2011 1001						
Sulfide, Reactive	12		mg/L	12	12	1.0	9034
Analysis Batch: 580-82789	Date Analyzed: 03/23/2011 1027						
Prep Batch: 580-82706	Date Prepared: 03/22/2011 1006						

Client: MWH Americas Inc

Job Number: 580-24977-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	FB %Rec	TFT %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-24977-1	YK-IDW-Soil	95	111	100	104	95
MB 580-82341/4-A		98	110	96	100	94
LCS 580-82736/28 ^P		97	115	106	122X	98
580-24977-2 MS	YK-IDW-GW MS	95	117	106	121X	99

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: MWH Americas Inc

Job Number: 580-24977-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water TCLP

Lab Sample ID	Client Sample ID	FB %Rec	TFT %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-24977-2	YK-IDW-GW	96	110	95	102	97
580-24977-2 MSD	YK-IDW-GW MSD	93	116	105	122X	100

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: MWH Americas Inc

Job Number: 580-24977-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
580-24977-1	YK-IDW-Soil	94	101	87	88	94	88
LCS 580-82655/2-A		93	82	93	93	107	84
580-24977-2 MS	YK-IDW-GW MS	101	95	91	89	99	79

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	44-148
PHL = Phenol-d5	33-147
NBZ = Nitrobenzene-d5	49-154
FBP = 2-Fluorobiphenyl	44-157
TBP = 2,4,6-Tribromophenol	47-158
TPH = Terphenyl-d14	27-177

Client: MWH Americas Inc

Job Number: 580-24977-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water TCLP

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
580-24977-2	YK-IDW-GW	83	83	90	86	91	89
MB 580-82340/15-F		85	78	85	88	99	90

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	44-148
PHL = Phenol-d5	33-147
NBZ = Nitrobenzene-d5	49-154
FBP = 2-Fluorobiphenyl	44-157
TBP = 2,4,6-Tribromophenol	47-158
TPH = Terphenyl-d14	27-177

Client: MWH Americas Inc

Job Number: 580-24977-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
580-24977-1	YK-IDW-Soil	47	50	44X	42X I
MB 580-82392/1-A		99	105	101	93
LCS 580-82392/3-A		98	106	107	99

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	45-155
DCB = DCB Decachlorobiphenyl	60-125

Client: MWH Americas Inc

Job Number: 580-24977-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
580-24977-2	YK-IDW-GW	80	76	45	42
MB 580-82378/1-A		83	85	105	96
LCS 580-82378/2-A		85	91	105	95
LCSD 580-82378/3-A		84	98	97	88

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	60-150
DCB = DCB Decachlorobiphenyl	40-135

Client: MWH Americas Inc

Job Number: 580-24977-1

Method Blank - Batch: 580-82736

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID: MB 580-82341/4-A
Client Matrix: Solid
Dilution: 100
Date Analyzed: 03/22/2011 1306
Date Prepared: 03/22/2011 1306
Date Leached: 03/15/2011 1946

Analysis Batch: 580-82736
Prep Batch: N/A
Units: ug/L

Instrument ID: TAC001
Lab File ID: G3014019.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Vinyl chloride	ND		15	100
1,1-Dichloroethene	ND		15	100
2-Butanone	510	J	150	1000
Chloroform	ND		15	100
Carbon tetrachloride	ND		15	100
Benzene	ND		15	100
1,2-Dichloroethane	ND		15	100
Trichloroethene	ND		15	100
Tetrachloroethene	ND		15	100
Chlorobenzene	ND		15	100

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	98	80 - 120
Toluene-d8 (Surr)	96	85 - 120
Ethylbenzene-d10	100	80 - 120
4-Bromofluorobenzene (Surr)	94	75 - 120
Trifluorotoluene (Surr)	110	80 - 120

Client: MWH Americas Inc

Job Number: 580-24977-1

Lab Control Sample - Batch: 580-82736

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 580-82736/28 ^P
Client Matrix: Water
Dilution: 100
Date Analyzed: 03/22/2011 1330
Date Prepared: 03/22/2011 1330

Analysis Batch: 580-82736
Prep Batch: N/A
Units: ug/L

Instrument ID: TAC001
Lab File ID: G3014020.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Vinyl chloride	2010	2050	102	50 - 145	
1,1-Dichloroethene	1990	2070	104	70 - 130	
2-Butanone	2000	3360	168	30 - 150	*
Chloroform	2010	2040	101	65 - 135	
Carbon tetrachloride	2010	2100	104	65 - 140	
Benzene	2000	2060	103	80 - 120	
1,2-Dichloroethane	1990	2110	106	70 - 130	
Trichloroethene	2010	2400	120	70 - 125	
Tetrachloroethene	2010	2270	113	45 - 150	
Chlorobenzene	2010	1910	95	80 - 120	

Surrogate	% Rec		Acceptance Limits
Fluorobenzene (Surr)	97		80 - 120
Toluene-d8 (Surr)	106		85 - 120
Ethylbenzene-d10	122	X	80 - 120
4-Bromofluorobenzene (Surr)	98		75 - 120
Trifluorotoluene (Surr)	115		80 - 120

Client: MWH Americas Inc

Job Number: 580-24977-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82736

Method: 8260B
Preparation: 5030B
TCLP

MS Lab Sample ID: 580-24977-2
Client Matrix: Solid
Dilution: 100
Date Analyzed: 03/22/2011 1506
Date Prepared: 03/22/2011 1506
Date Leached: 03/15/2011 1946

Analysis Batch: 580-82736
Prep Batch: N/A

Instrument ID: TAC001
Lab File ID: G3014024.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 580-24977-2
Client Matrix: Solid
Dilution: 100
Date Analyzed: 03/22/2011 1531
Date Prepared: 03/22/2011 1531
Date Leached: 03/15/2011 1946

Analysis Batch: 580-82736
Prep Batch: N/A

Instrument ID: TAC001
Lab File ID: G3014025.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Vinyl chloride	102	105	50 - 145	3	30		
1,1-Dichloroethene	107	107	70 - 130	1	30		
2-Butanone	137	141	30 - 150	3	30		
Chloroform	102	101	65 - 135	2	30		
Carbon tetrachloride	104	104	65 - 140	0	30		
Benzene	104	104	80 - 120	0	30		
1,2-Dichloroethane	108	108	70 - 130	0	30		
Trichloroethene	122	121	70 - 125	1	30		
Tetrachloroethene	139	151	45 - 150	8	30		F
Chlorobenzene	94	96	80 - 120	3	30		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Fluorobenzene (Surr)	95		93		80 - 120
Toluene-d8 (Surr)	106		105		85 - 120
Ethylbenzene-d10	121	X	122	X	80 - 120
4-Bromofluorobenzene (Surr)	99		100		75 - 120
Trifluorotoluene (Surr)	117		116		80 - 120

Client: MWH Americas Inc

Job Number: 580-24977-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82736

Method: 8260B
Preparation: 5030B
TCLP

MS Lab Sample ID:	580-24977-2	Units: ug/L	MSD Lab Sample ID: 580-24977-2
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	100		Dilution: 100
Date Analyzed:	03/22/2011 1506		Date Analyzed: 03/22/2011 1531
Date Prepared:	03/22/2011 1506		Date Prepared: 03/22/2011 1531
Date Leached:	03/15/2011 1946		Date Leached: 03/15/2011 1946

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Vinyl chloride	ND	2010	2010	2040	2100
1,1-Dichloroethene	ND	1990	1990	2120	2130
2-Butanone	570 J	2000	2000	3310	3400
Chloroform	ND	2010	2010	2050	2020
Carbon tetrachloride	ND	2010	2010	2100	2100
Benzene	ND	2000	2000	2070	2070
1,2-Dichloroethane	ND	1990	1990	2150	2150
Trichloroethene	ND	2010	2010	2440	2420
Tetrachloroethene	ND	2010	2010	2790	3020 F
Chlorobenzene	ND	2010	2010	1880	1930

Client: MWH Americas Inc

Job Number: 580-24977-1

Method Blank - Batch: 580-82655

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID: MB 580-82340/15-F
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 1446
Date Prepared: 03/21/2011 1515
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82791
Prep Batch: 580-82655
Units: ug/L

Instrument ID: TAC002
Lab File ID: AT158868.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,4-Dichlorobenzene	ND		2.5	10
2-Methylphenol	ND		2.5	10
3 & 4 Methylphenol	ND		2.5	20
Hexachloroethane	ND		2.5	15
Nitrobenzene	ND		2.5	10
Hexachlorobutadiene	ND		2.5	15
2,4,6-Trichlorophenol	ND		2.5	15
2,4,5-Trichlorophenol	ND		2.5	10
2,4-Dinitrotoluene	ND		2.5	10
Hexachlorobenzene	ND		2.5	10
Pentachlorophenol	ND		2.5	18
Pyridine	ND		15	50

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	85	44 - 148
Phenol-d5	78	33 - 147
Nitrobenzene-d5	85	49 - 154
2-Fluorobiphenyl	88	44 - 157
2,4,6-Tribromophenol	99	47 - 158
Terphenyl-d14	90	27 - 177

Client: MWH Americas Inc

Job Number: 580-24977-1

Lab Control Sample - Batch: 580-82655

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 580-82655/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 1507
Date Prepared: 03/21/2011 1515

Analysis Batch: 580-82791
Prep Batch: 580-82655
Units: ug/L

Instrument ID: TAC002
Lab File ID: AT158869.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	50.1	46.8	93	34 - 160	
2,4-Dinitrotoluene	50.1	57.9	116	42 - 138	
Pentachlorophenol	49.2	46.2	94	23 - 166	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	93	44 - 148
Phenol-d5	82	33 - 147
Nitrobenzene-d5	93	49 - 154
2-Fluorobiphenyl	93	44 - 157
2,4,6-Tribromophenol	107	47 - 158
Terphenyl-d14	84	27 - 177

Matrix Spike - Batch: 580-82655

Method: 8270C
Preparation: 3510C
TCLP

Lab Sample ID: 580-24977-2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/23/2011 1611
Date Prepared: 03/21/2011 1515
Date Leached: 03/15/2011 1513

Analysis Batch: 580-82791
Prep Batch: 580-82655
Units: ug/L

Instrument ID: TAC002
Lab File ID: AT158872.D
Initial Weight/Volume: 170 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	ND	58.9	53.3	90	34 - 160	
2,4-Dinitrotoluene	ND	58.9	68.2	116	42 - 138	
Pentachlorophenol	ND	57.9	46.8	81	23 - 166	

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	101	44 - 148
Phenol-d5	95	33 - 147
Nitrobenzene-d5	91	49 - 154
2-Fluorobiphenyl	89	44 - 157
2,4,6-Tribromophenol	99	47 - 158
Terphenyl-d14	79	27 - 177

Client: MWH Americas Inc

Job Number: 580-24977-1

Method Blank - Batch: 580-82378

Method: 8082
Preparation: 3520C

Lab Sample ID: MB 580-82378/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2011 1900
Date Prepared: 03/16/2011 1321

Analysis Batch: 580-82530
Prep Batch: 580-82378
Units: ug/L

Instrument ID: TAC042
Lab File ID: CC155499.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	ND		0.045	0.50
PCB-1221	ND		0.062	0.50
PCB-1232	ND		0.041	0.50
PCB-1242	ND		0.041	0.50
PCB-1248	ND		0.071	0.50
PCB-1254	ND		0.044	0.50
PCB-1260	ND		0.039	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	85	60 - 150
DCB Decachlorobiphenyl	96	40 - 135

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82378

Method: 8082
Preparation: 3520C

LCS Lab Sample ID: LCS 580-82378/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2011 1929
Date Prepared: 03/16/2011 1321

Analysis Batch: 580-82530
Prep Batch: 580-82378
Units: ug/L

Instrument ID: TAC042
Lab File ID: CC155501.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 580-82378/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2011 1943
Date Prepared: 03/16/2011 1321

Analysis Batch: 580-82530
Prep Batch: 580-82378
Units: ug/L

Instrument ID: TAC042
Lab File ID: CC155502.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qua
PCB-1016	98	83	25 - 145	17	27		
PCB-1260	109	106	30 - 145	2	22		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	91	98	60 - 150
DCB Decachlorobiphenyl	95	88	40 - 135

Client: MWH Americas Inc

Job Number: 580-24977-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82378

Method: 8082
Preparation: 3520C

LCS Lab Sample ID:	LCS 580-82378/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 580-82378/3-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Date Analyzed:	03/18/2011 1929		Date Analyzed:	03/18/2011 1943
Date Prepared:	03/16/2011 1321		Date Prepared:	03/16/2011 1321

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	1.00	1.00	0.983	0.828
PCB-1260	1.00	1.00	1.09	1.06

Client: MWH Americas Inc

Job Number: 580-24977-1

Method Blank - Batch: 580-82392

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 580-82392/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2011 1537
Date Prepared: 03/16/2011 1515

Analysis Batch: 580-82442
Prep Batch: 580-82392
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155478.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	ND		0.0032	0.010
PCB-1221	ND		0.0080	0.010
PCB-1232	ND		0.0070	0.010
PCB-1242	ND		0.0021	0.010
PCB-1248	ND		0.0030	0.010
PCB-1254	ND		0.0021	0.010
PCB-1260	ND		0.0030	0.010

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	99	45 - 155
DCB Decachlorobiphenyl	101	60 - 125

Lab Control Sample - Batch: 580-82392

Method: 8082
Preparation: 3550B

Lab Sample ID: LCS 580-82392/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2011 1605
Date Prepared: 03/16/2011 1515

Analysis Batch: 580-82442
Prep Batch: 580-82392
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CC155480.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	0.100	0.0860	86	40 - 140	
PCB-1260	0.100	0.0920	92	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	98	45 - 155
DCB Decachlorobiphenyl	107	60 - 125

Client: MWH Americas Inc

Job Number: 580-24977-1

Method Blank - Batch: 580-82387

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: MB 580-82340/15-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2011 1127
Date Prepared: 03/16/2011 1421
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82505
Prep Batch: 580-82387
Units: mg/L

Instrument ID: TAC047
Lab File ID: 580-82387.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.0047	0.060
Barium	0.000600	J	0.00050	0.010
Cadmium	ND		0.0015	0.010
Chromium	ND		0.0033	0.025
Lead	ND		0.0021	0.030
Selenium	ND		0.0042	0.10
Silver	ND		0.0085	0.020

LCS-Certified Reference Material - Batch:

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCSSRM 580-82387/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2011 1144
Date Prepared: 03/16/2011 1421

Analysis Batch: 580-82505
Prep Batch: 580-82387
Units: mg/L

Instrument ID: TAC047
Lab File ID: 580-82387.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	4.00	3.86	97	80 - 120	
Barium	4.00	3.90	97	80 - 120	
Cadmium	0.100	0.0975	98	80 - 120	
Chromium	0.400	0.403	101	80 - 120	
Lead	1.00	0.972	97	80 - 120	
Selenium	4.00	3.82	96	80 - 120	
Silver	0.600	0.576	96	80 - 120	

Client: MWH Americas Inc

Job Number: 580-24977-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82387

Method: 6010B
Preparation: 3010A

LCS Lab Sample ID: LCS 580-82387/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2011 1133
Date Prepared: 03/16/2011 1421

Analysis Batch: 580-82505
Prep Batch: 580-82387
Units: mg/L

Instrument ID: TAC047
Lab File ID: 580-82387.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 580-82387/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2011 1139
Date Prepared: 03/16/2011 1421

Analysis Batch: 580-82505
Prep Batch: 580-82387
Units: mg/L

Instrument ID: TAC047
Lab File ID: 580-82387.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qua
Arsenic	96	96	80 - 120	1	20		
Barium	94	95	80 - 120	2	20		
Cadmium	96	97	80 - 120	1	20		
Chromium	100	100	80 - 120	1	20		
Lead	97	97	80 - 120	1	20		
Selenium	95	96	80 - 120	1	20		
Silver	96	97	80 - 120	0	20		

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82387

Method: 6010B
Preparation: 3010A

LCS Lab Sample ID: LCS 580-82387/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2011 1133
Date Prepared: 03/16/2011 1421

Units: mg/L

LCSD Lab Sample ID: LCSD 580-82387/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2011 1139
Date Prepared: 03/16/2011 1421

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Arsenic	4.00	4.00	3.83	3.86
Barium	4.00	4.00	3.74	3.80
Cadmium	0.100	0.100	0.0965	0.0971
Chromium	0.400	0.400	0.398	0.402
Lead	1.00	1.00	0.965	0.971
Selenium	4.00	4.00	3.79	3.82
Silver	0.600	0.600	0.577	0.580

Client: MWH Americas Inc

Job Number: 580-24977-1

Post Digestion Spike - Batch: 580-82387

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: 580-24977-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2011 1219
Date Prepared: 03/16/2011 1421
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82505
Prep Batch: 580-82387
Units: mg/L

Instrument ID: TAC047
Lab File ID: 580-82387.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	0.010	J	4.00	4.24	106		
Barium	0.45		4.00	4.20	94		
Cadmium	ND		0.100	0.0948	95		
Chromium	ND		0.400	0.396	99		
Lead	0.29		1.00	1.26	98		
Selenium	ND		4.00	4.37	109		
Silver	ND		0.600	0.570	95		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82387

Method: 6010B
Preparation: 3010A
TCLP

MS Lab Sample ID: 580-24977-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2011 1208
Date Prepared: 03/16/2011 1421
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82505
Prep Batch: 580-82387

Instrument ID: TAC047
Lab File ID: 580-82387.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 580-24977-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2011 1214
Date Prepared: 03/16/2011 1421
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82505
Prep Batch: 580-82387

Instrument ID: TAC047
Lab File ID: 580-82387.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	109	108	50 - 150	0	20		
Barium	94	96	50 - 150	1	20		
Cadmium	96	95	50 - 150	1	20		
Chromium	101	101	50 - 150	0	20		
Lead	101	99	50 - 150	1	20		
Selenium	112	112	50 - 150	0	20		
Silver	107	106	50 - 150	1	20		

Client: MWH Americas Inc

Job Number: 580-24977-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82387

Method: 6010B
Preparation: 3010A
TCLP

MS Lab Sample ID: 580-24977-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2011 1208
Date Prepared: 03/16/2011 1421
Date Leached: 03/15/2011 1828

Units: mg/L

MSD Lab Sample ID: 580-24977-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2011 1214
Date Prepared: 03/16/2011 1421
Date Leached: 03/15/2011 1828

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Arsenic	0.010 J	4.00	4.00	4.36	4.35
Barium	0.45	4.00	4.00	4.23	4.27
Cadmium	ND	0.100	0.100	0.0964	0.0954
Chromium	ND	0.400	0.400	0.405	0.404
Lead	0.29	1.00	1.00	1.29	1.28
Selenium	ND	4.00	4.00	4.48	4.49
Silver	ND	0.600	0.600	0.642	0.636

Duplicate - Batch: 580-82387

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2011 1202
Date Prepared: 03/16/2011 1421
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82505
Prep Batch: 580-82387
Units: mg/L

Instrument ID: TAC047
Lab File ID: 580-82387.asc
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Arsenic	0.010 J	0.0124	19	20	J
Barium	0.45	0.455	0.7	20	
Cadmium	ND	ND	NC	20	
Chromium	ND	ND	NC	20	
Lead	0.29	0.285	0.1	20	
Selenium	ND	ND	NC	20	
Silver	ND	ND	NC	20	

Client: MWH Americas Inc

Job Number: 580-24977-1

Method Blank - Batch: 580-82390

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID: MB 580-82340/15-C
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/21/2011 0945
Date Prepared: 03/16/2011 1433
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82646
Prep Batch: 580-82390
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82459-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.000041	0.00020

LCS-Certified Reference Material - Batch:

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCSSRM 580-82390/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 0952
Date Prepared: 03/16/2011 1433

Analysis Batch: 580-82646
Prep Batch: 580-82390
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82459-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00200	0.00236	118	75 - 125	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-82390

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID: LCS 580-82390/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 0947
Date Prepared: 03/16/2011 1433

Analysis Batch: 580-82646
Prep Batch: 580-82390
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82459-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 580-82390/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 0950
Date Prepared: 03/16/2011 1433

Analysis Batch: 580-82646
Prep Batch: 580-82390
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82459-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qua
Mercury	118	119	80 - 120	0	20		

Client: MWH Americas Inc

Job Number: 580-24977-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-82390

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID: LCS 580-82390/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 0947
Date Prepared: 03/16/2011 1433

Units: mg/L

LCSD Lab Sample ID: LCSD 580-82390/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 0950
Date Prepared: 03/16/2011 1433

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.00200	0.00200	0.00237	0.00238

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82390

Method: 7470A
Preparation: 7470A
TCLP

MS Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 1000
Date Prepared: 03/16/2011 1433
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82646
Prep Batch: 580-82390

Instrument ID: TAC103
Lab File ID: 82459-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 1003
Date Prepared: 03/16/2011 1433
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82646
Prep Batch: 580-82390

Instrument ID: TAC103
Lab File ID: 82459-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	104	102	80 - 120	2	20		

Client: MWH Americas Inc

Job Number: 580-24977-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82390

Method: 7470A
Preparation: 7470A
TCLP

MS Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 1000
Date Prepared: 03/16/2011 1433
Date Leached: 03/15/2011 1828

Units: mg/L

MSD Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/21/2011 1003
Date Prepared: 03/16/2011 1433
Date Leached: 03/15/2011 1828

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	ND	0.00200	0.00200	0.00209	0.00205

Duplicate - Batch: 580-82390

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID: 580-24977-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/21/2011 0958
Date Prepared: 03/16/2011 1433
Date Leached: 03/15/2011 1828

Analysis Batch: 580-82646
Prep Batch: 580-82390
Units: mg/L

Instrument ID: TAC103
Lab File ID: 82459-HG.CSV
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	ND	ND	NC	20	

Client: MWH Americas Inc

Job Number: 580-24977-1

Duplicate - Batch: 580-82397

Method: 150.1
Preparation: N/A

Lab Sample ID: 580-24977-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/16/2011 1407
Date Prepared: N/A

Analysis Batch: 580-82397
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	7.58	7.590	0.1	1	

Client: MWH Americas Inc

Job Number: 580-24977-1

Method Blank - Batch: 580-82704

Method: 9014
Preparation: 7.3.3

Lab Sample ID: MB 580-82704/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/23/2011 0932
Date Prepared: 03/22/2011 1001

Analysis Batch: 580-82781
Prep Batch: 580-82704
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 125 mL

Analyte	Result	Qual	RL	RL
Cyanide, Reactive	ND		20	20

Lab Control Sample - Batch: 580-82704

Method: 9014
Preparation: 7.3.3

Lab Sample ID: LCS 580-82704/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 0932
Date Prepared: 03/22/2011 1001

Analysis Batch: 580-82781
Prep Batch: 580-82704
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 125 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Reactive	100	67.2	67	15 - 129	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82704

Method: 9014
Preparation: 7.3.3

MS Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 0932
Date Prepared: 03/22/2011 1001

Analysis Batch: 580-82781
Prep Batch: 580-82704

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.40 g
Final Weight/Volume: 125 mL

MSD Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 0932
Date Prepared: 03/22/2011 1001

Analysis Batch: 580-82781
Prep Batch: 580-82704

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.47 g
Final Weight/Volume: 125 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Reactive	58	55	15 - 129	7	20		

Client: MWH Americas Inc

Job Number: 580-24977-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82704

Method: 9014
Preparation: 7.3.3

MS Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 0932
Date Prepared: 03/22/2011 1001

Units: mg/Kg

MSD Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 0932
Date Prepared: 03/22/2011 1001

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cyanide, Reactive	ND	92.6	91.4	53.5	50.1

Duplicate - Batch: 580-82704

Method: 9014
Preparation: 7.3.3

Lab Sample ID: 580-24977-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/23/2011 0932
Date Prepared: 03/22/2011 1001

Analysis Batch: 580-82781
Prep Batch: 580-82704
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 4.77 g
Final Weight/Volume: 125 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cyanide, Reactive	ND	ND	NC	20	

Client: MWH Americas Inc

Job Number: 580-24977-1

Method Blank - Batch: 580-82706

Method: 9034
Preparation: 7.3.4

Lab Sample ID: MB 580-82706/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/23/2011 1027
Date Prepared: 03/22/2011 1006

Analysis Batch: 580-82789
Prep Batch: 580-82706
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 125 mL

Analyte	Result	Qual	RL	RL
Sulfide, Reactive	ND		20	20

Lab Control Sample - Batch: 580-82706

Method: 9034
Preparation: 7.3.4

Lab Sample ID: LCS 580-82706/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 1027
Date Prepared: 03/22/2011 1006

Analysis Batch: 580-82789
Prep Batch: 580-82706
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.0 g
Final Weight/Volume: 125 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfide, Reactive	400	291	73	30 - 114	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82706

Method: 9034
Preparation: 7.3.4

MS Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 1027
Date Prepared: 03/22/2011 1006

Analysis Batch: 580-82789
Prep Batch: 580-82706

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.40 g
Final Weight/Volume: 125 mL

MSD Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 1027
Date Prepared: 03/22/2011 1006

Analysis Batch: 580-82789
Prep Batch: 580-82706

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.47 g
Final Weight/Volume: 125 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfide, Reactive	61	59	30 - 114	4	20		

Client: MWH Americas Inc

Job Number: 580-24977-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-82706

Method: 9034
Preparation: 7.3.4

MS Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 1027
Date Prepared: 03/22/2011 1006

Units: mg/Kg

MSD Lab Sample ID: 580-24977-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2011 1027
Date Prepared: 03/22/2011 1006

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Sulfide, Reactive	ND	496	490	301	289

Duplicate - Batch: 580-82706

Method: 9034
Preparation: 7.3.4

Lab Sample ID: 580-24977-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/23/2011 1027
Date Prepared: 03/22/2011 1006

Analysis Batch: 580-82789
Prep Batch: 580-82706
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 4.77 g
Final Weight/Volume: 125 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfide, Reactive	ND	ND	NC	20	

DATA REPORTING QUALIFIERS

Client: MWH Americas Inc Job Number: 580-24977-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
GC/MS Semi VOA		
	F	MS or MSD exceeds the control limits
GC Semi VOA		
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	I	Indicates the presence of an interference, recovery is not calculated.
	X	Surrogate is outside control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	HF	Field parameter with a holding time of 15 minutes

Client: MWH Americas Inc

Job Number: 580-24977-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 580-82341					
MB 580-82341/4-A	Method Blank	P	Solid	1311	
580-24977-1	YK-IDW-Soil	P	Solid	1311	
580-24977-2MS	Matrix Spike	P	Solid	1311	
580-24977-2	YK-IDW-GW	P	Water	1311	
580-24977-2MSD	Matrix Spike Duplicate	P	Water	1311	
Analysis Batch:580-82736					
MB 580-82341/4-A	Method Blank	P	Solid	8260B	
LCS 580-82736/28 ^P	Lab Control Sample	T	Water	8260B	
580-24977-1	YK-IDW-Soil	P	Solid	8260B	
580-24977-2MS	Matrix Spike	P	Solid	8260B	
580-24977-2	YK-IDW-GW	P	Water	8260B	
580-24977-2MSD	Matrix Spike Duplicate	P	Water	8260B	

Report Basis
P = TCLP
T = Total

Client: MWH Americas Inc

Job Number: 580-24977-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 580-82340					
MB 580-82340/15-F	Method Blank	P	Water	1311	
Prep Batch: 580-82655					
LCS 580-82655/2-A	Lab Control Sample	T	Water	3510C	
MB 580-82340/15-F	Method Blank	P	Water	3520C	580-82340
580-24977-1	YK-IDW-Soil	P	Solid	3510C	580-82952
580-24977-2MS	Matrix Spike	P	Solid	3510C	580-82952
580-24977-2	YK-IDW-GW	P	Water	3520C	580-82952
Analysis Batch:580-82791					
LCS 580-82655/2-A	Lab Control Sample	T	Water	8270C	580-82655
MB 580-82340/15-F	Method Blank	P	Water	8270C	580-82655
580-24977-1	YK-IDW-Soil	P	Solid	8270C	580-82655
580-24977-2MS	Matrix Spike	P	Solid	8270C	580-82655
580-24977-2	YK-IDW-GW	P	Water	8270C	580-82655
Prep Batch: 580-82952					
580-24977-1	YK-IDW-Soil	P	Solid	1311	
580-24977-2MS	Matrix Spike	P	Solid	1311	
580-24977-2	YK-IDW-GW	P	Water	1311	

Report Basis
P = TCLP
T = Total

Client: MWH Americas Inc Job Number: 580-24977-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 580-82378					
LCS 580-82378/2-A	Lab Control Sample	T	Water	3520C	
LCSD 580-82378/3-A	Lab Control Sample Duplicate	T	Water	3520C	
MB 580-82378/1-A	Method Blank	T	Water	3520C	
580-24977-2	YK-IDW-GW	T	Water	3520C	
Prep Batch: 580-82392					
LCS 580-82392/3-A	Lab Control Sample	T	Solid	3550B	
MB 580-82392/1-A	Method Blank	T	Solid	3550B	
580-24977-1	YK-IDW-Soil	T	Solid	3550B	
Analysis Batch:580-82442					
LCS 580-82392/3-A	Lab Control Sample	T	Solid	8082	580-82392
MB 580-82392/1-A	Method Blank	T	Solid	8082	580-82392
Analysis Batch:580-82530					
LCS 580-82378/2-A	Lab Control Sample	T	Water	8082	580-82378
LCSD 580-82378/3-A	Lab Control Sample Duplicate	T	Water	8082	580-82378
MB 580-82378/1-A	Method Blank	T	Water	8082	580-82378
580-24977-1	YK-IDW-Soil	T	Solid	8082	580-82392
580-24977-2	YK-IDW-GW	T	Water	8082	580-82378

Report Basis
T = Total

Client: MWH Americas Inc

Job Number: 580-24977-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-82340					
MB 580-82340/15-C	Method Blank	P	Solid	1311	
MB 580-82340/15-B	Method Blank	P	Water	1311	
580-24977-1	YK-IDW-Soil	P	Solid	1311	
580-24977-1DU	Duplicate	P	Solid	1311	
580-24977-1MS	Matrix Spike	P	Solid	1311	
580-24977-1MSD	Matrix Spike Duplicate	P	Solid	1311	
580-24977-1DU	Duplicate	P	Water	1311	
580-24977-1MS	Matrix Spike	P	Water	1311	
580-24977-1MSD	Matrix Spike Duplicate	P	Water	1311	
580-24977-2	YK-IDW-GW	P	Water	1311	
Prep Batch: 580-82387					
LCS 580-82387/15-A	Lab Control Sample	T	Water	3010A	
LCSD 580-82387/16-A	Lab Control Sample Duplicate	T	Water	3010A	
LCSSRM 580-82387/17-A	LCS-Certified Reference Material	T	Water	3010A	
MB 580-82340/15-B	Method Blank	P	Water	3010A	580-82340
580-24977-1	YK-IDW-Soil	P	Solid	3010A	580-82340
580-24977-1MS	Matrix Spike	P	Solid	3010A	580-82340
580-24977-1DU	Duplicate	P	Water	3010A	580-82340
580-24977-1MSD	Matrix Spike Duplicate	P	Water	3010A	580-82340
580-24977-2	YK-IDW-GW	P	Water	3010A	580-82340
Prep Batch: 580-82390					
LCS 580-82390/15-A	Lab Control Sample	T	Water	7470A	
LCSD 580-82390/16-A	Lab Control Sample Duplicate	T	Water	7470A	
LCSSRM 580-82390/17-A	LCS-Certified Reference Material	T	Water	7470A	
MB 580-82340/15-C	Method Blank	P	Solid	7470A	580-82340
580-24977-1	YK-IDW-Soil	P	Solid	7470A	580-82340
580-24977-1DU	Duplicate	P	Solid	7470A	580-82340
580-24977-1MSD	Matrix Spike Duplicate	P	Solid	7470A	580-82340
580-24977-1MS	Matrix Spike	P	Water	7470A	580-82340
580-24977-2	YK-IDW-GW	P	Water	7470A	580-82340
Analysis Batch:580-82505					
LCS 580-82387/15-A	Lab Control Sample	T	Water	6010B	580-82387
LCSD 580-82387/16-A	Lab Control Sample Duplicate	T	Water	6010B	580-82387
LCSSRM 580-82387/17-A	LCS-Certified Reference Material	T	Water	6010B	580-82387
MB 580-82340/15-B	Method Blank	P	Water	6010B	580-82387
580-24977-1	YK-IDW-Soil	P	Solid	6010B	580-82387
580-24977-1MS	Matrix Spike	P	Solid	6010B	580-82387
580-24977-1DU	Duplicate	P	Water	6010B	580-82387
580-24977-1MSD	Matrix Spike Duplicate	P	Water	6010B	580-82387
580-24977-2	YK-IDW-GW	P	Water	6010B	580-82387

Client: MWH Americas Inc

Job Number: 580-24977-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-82646					
MB 580-82340/15-C	Method Blank	P	Solid	7470A	580-82390
LCS 580-82390/15-A	Lab Control Sample	T	Water	7470A	580-82390
LCSD 580-82390/16-A	Lab Control Sample Duplicate	T	Water	7470A	580-82390
LCSSRM 580-82390/17-A	LCS-Certified Reference Material	T	Water	7470A	580-82390
580-24977-1	YK-IDW-Soil	P	Solid	7470A	580-82390
580-24977-1DU	Duplicate	P	Solid	7470A	580-82390
580-24977-1MSD	Matrix Spike Duplicate	P	Solid	7470A	580-82390
580-24977-1MS	Matrix Spike	P	Water	7470A	580-82390
580-24977-2	YK-IDW-GW	P	Water	7470A	580-82390

Report Basis
P = TCLP
T = Total

Client: MWH Americas Inc

Job Number: 580-24977-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:580-82351					
580-24977-1	YK-IDW-Soil	T	Solid	Moisture	
Analysis Batch:580-82397					
580-24977-2	YK-IDW-GW	T	Water	150.1	
580-24977-2DU	Duplicate	T	Water	150.1	
Prep Batch: 580-82704					
MB 580-82704/1-A	Method Blank	T	Solid	7.3.3	
LCS 580-82704/2-A	Lab Control Sample	T	Water	7.3.3	
580-24977-1	YK-IDW-Soil	T	Solid	7.3.3	
580-24977-1DU	Duplicate	T	Solid	7.3.3	
580-24977-1MSD	Matrix Spike Duplicate	T	Solid	7.3.3	
580-24977-1MS	Matrix Spike	T	Water	7.3.3	
580-24977-2	YK-IDW-GW	T	Water	7.3.3	
Prep Batch: 580-82706					
MB 580-82706/1-A	Method Blank	T	Solid	7.3.4	
LCS 580-82706/2-A	Lab Control Sample	T	Water	7.3.4	
580-24977-1	YK-IDW-Soil	T	Solid	7.3.4	
580-24977-1DU	Duplicate	T	Solid	7.3.4	
580-24977-1MSD	Matrix Spike Duplicate	T	Solid	7.3.4	
580-24977-1MS	Matrix Spike	T	Water	7.3.4	
580-24977-2	YK-IDW-GW	T	Water	7.3.4	
Analysis Batch:580-82781					
MB 580-82704/1-A	Method Blank	T	Solid	9014	580-82704
LCS 580-82704/2-A	Lab Control Sample	T	Water	9014	580-82704
580-24977-1	YK-IDW-Soil	T	Solid	9014	580-82704
580-24977-1DU	Duplicate	T	Solid	9014	580-82704
580-24977-1MSD	Matrix Spike Duplicate	T	Solid	9014	580-82704
580-24977-1MS	Matrix Spike	T	Water	9014	580-82704
580-24977-2	YK-IDW-GW	T	Water	9014	580-82704
Analysis Batch:580-82789					
MB 580-82706/1-A	Method Blank	T	Solid	9034	580-82706
LCS 580-82706/2-A	Lab Control Sample	T	Water	9034	580-82706
580-24977-1	YK-IDW-Soil	T	Solid	9034	580-82706
580-24977-1DU	Duplicate	T	Solid	9034	580-82706
580-24977-1MSD	Matrix Spike Duplicate	T	Solid	9034	580-82706
580-24977-1MS	Matrix Spike	T	Water	9034	580-82706
580-24977-2	YK-IDW-GW	T	Water	9034	580-82706

Report Basis
T = Total

Client: MWH Americas Inc Job Number: 580-24977-1

Laboratory Chronicle

Lab ID: 580-24977-1 **Client ID: YK-IDW-Soil**

Sample Date/Time: 03/13/2011 08:13 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24977-A-1-B		580-82736		03/22/2011 14:18	100	TAL SEA	TR
A:8260B	580-24977-A-1-B		580-82736		03/22/2011 14:18	100	TAL SEA	TR
P:3510C	580-24977-A-1-M		580-82791	580-82655	03/21/2011 15:15	1	TAL SEA	MT
A:8270C	580-24977-A-1-M		580-82791	580-82655	03/23/2011 15:29	1	TAL SEA	AP
P:3550B	580-24977-B-1-A		580-82530	580-82392	03/16/2011 15:15	1	TAL SEA	KKW
A:8082	580-24977-B-1-A		580-82530	580-82392	03/18/2011 19:15	1	TAL SEA	MAM
P:3010A	580-24977-A-1-C		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	580-24977-A-1-C		580-82505	580-82387	03/17/2011 11:56	1	TAL SEA	SP
P:7470A	580-24977-A-1-G		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	580-24977-A-1-G		580-82646	580-82390	03/21/2011 09:55	1	TAL SEA	FCW
P:7.3.3	580-24977-C-1-A		580-82781	580-82704	03/22/2011 10:01	1	TAL SEA	SP
A:9014	580-24977-C-1-A		580-82781	580-82704	03/23/2011 09:32	1	TAL SEA	SP
P:7.3.4	580-24977-C-1-E		580-82789	580-82706	03/22/2011 10:06	1	TAL SEA	SP
A:9034	580-24977-C-1-E		580-82789	580-82706	03/23/2011 10:27	1	TAL SEA	SP
A:Moisture	580-24977-D-1		580-82351		03/16/2011 08:40	1	TAL SEA	KKW

Lab ID: 580-24977-1 MS **Client ID: YK-IDW-Soil**

Sample Date/Time: 03/13/2011 08:13 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	580-24977-A-1-E MS		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	580-24977-A-1-E MS		580-82505	580-82387	03/17/2011 12:08	1	TAL SEA	SP
P:7470A	580-24977-A-1-I MS		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	580-24977-A-1-I MS		580-82646	580-82390	03/21/2011 10:00	1	TAL SEA	FCW
P:7.3.3	580-24977-C-1-C MS		580-82781	580-82704	03/22/2011 10:01	1	TAL SEA	SP
A:9014	580-24977-C-1-C MS		580-82781	580-82704	03/23/2011 09:32	1	TAL SEA	SP
P:7.3.4	580-24977-C-1-G MS		580-82789	580-82706	03/22/2011 10:06	1	TAL SEA	SP
A:9034	580-24977-C-1-G MS		580-82789	580-82706	03/23/2011 10:27	1	TAL SEA	SP

Client: MWH Americas Inc Job Number: 580-24977-1

Laboratory Chronicle

Lab ID: 580-24977-1 MSD **Client ID: YK-IDW-Soil**

Sample Date/Time: 03/13/2011 08:13 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	580-24977-A-1-F MSD		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	580-24977-A-1-F MSD		580-82505	580-82387	03/17/2011 12:14	1	TAL SEA	SP
P:7470A	580-24977-A-1-J MSD		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	580-24977-A-1-J MSD		580-82646	580-82390	03/21/2011 10:03	1	TAL SEA	FCW
P:7.3.3	580-24977-C-1-D MSD		580-82781	580-82704	03/22/2011 10:01	1	TAL SEA	SP
A:9014	580-24977-C-1-D MSD		580-82781	580-82704	03/23/2011 09:32	1	TAL SEA	SP
P:7.3.4	580-24977-C-1-H MSD		580-82789	580-82706	03/22/2011 10:06	1	TAL SEA	SP
A:9034	580-24977-C-1-H MSD		580-82789	580-82706	03/23/2011 10:27	1	TAL SEA	SP

Lab ID: 580-24977-1 DU **Client ID: YK-IDW-Soil**

Sample Date/Time: 03/13/2011 08:13 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	580-24977-A-1-D DU		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	580-24977-A-1-D DU		580-82505	580-82387	03/17/2011 12:02	1	TAL SEA	SP
P:7470A	580-24977-A-1-H DU		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	580-24977-A-1-H DU		580-82646	580-82390	03/21/2011 09:58	1	TAL SEA	FCW
P:7.3.3	580-24977-C-1-B DU		580-82781	580-82704	03/22/2011 10:01	1	TAL SEA	SP
A:9014	580-24977-C-1-B DU		580-82781	580-82704	03/23/2011 09:32	1	TAL SEA	SP
P:7.3.4	580-24977-C-1-F DU		580-82789	580-82706	03/22/2011 10:06	1	TAL SEA	SP
A:9034	580-24977-C-1-F DU		580-82789	580-82706	03/23/2011 10:27	1	TAL SEA	SP

Lab ID: 580-24977-1 PDS **Client ID: YK-IDW-Soil**

Sample Date/Time: 03/13/2011 08:13 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	580-24977-A-1-C PDS		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	580-24977-A-1-C PDS		580-82505	580-82387	03/17/2011 12:19	1	TAL SEA	SP

Client: MWH Americas Inc Job Number: 580-24977-1

Laboratory Chronicle

Lab ID: 580-24977-2 **Client ID: YK-IDW-GW**

Sample Date/Time: 03/13/2011 15:30 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24977-A-2-B		580-82736		03/22/2011 14:42	100	TAL SEA	TR
A:8260B	580-24977-A-2-B		580-82736		03/22/2011 14:42	100	TAL SEA	TR
P:3520C	580-24977-A-2-H		580-82791	580-82655	03/21/2011 15:15	1	TAL SEA	MT
A:8270C	580-24977-A-2-H		580-82791	580-82655	03/23/2011 15:50	1	TAL SEA	AP
P:3520C	580-24977-B-2-A		580-82530	580-82378	03/16/2011 13:21	1	TAL SEA	MT
A:8082	580-24977-B-2-A		580-82530	580-82378	03/18/2011 19:57	1	TAL SEA	MAM
P:3010A	580-24977-A-2-C		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	580-24977-A-2-C		580-82505	580-82387	03/17/2011 12:37	1	TAL SEA	SP
P:7470A	580-24977-A-2-D		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	580-24977-A-2-D		580-82646	580-82390	03/21/2011 10:05	1	TAL SEA	FCW
A:150.1	580-24977-E-2		580-82397		03/16/2011 14:07	1	TAL SEA	SH
P:7.3.3	580-24977-D-2-A		580-82781	580-82704	03/22/2011 10:01	1	TAL SEA	SP
A:9014	580-24977-D-2-A		580-82781	580-82704	03/23/2011 09:32	1	TAL SEA	SP
P:7.3.4	580-24977-D-2-B		580-82789	580-82706	03/22/2011 10:06	1	TAL SEA	SP
A:9034	580-24977-D-2-B		580-82789	580-82706	03/23/2011 10:27	1	TAL SEA	SP

Lab ID: 580-24977-2 MS **Client ID: YK-IDW-GW**

Sample Date/Time: 03/13/2011 15:30 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24977-A-2-B MS		580-82736		03/22/2011 15:06	100	TAL SEA	TR
A:8260B	580-24977-A-2-B MS		580-82736		03/22/2011 15:06	100	TAL SEA	TR
P:3510C	580-24977-A-2-I MS		580-82791	580-82655	03/21/2011 15:15	1	TAL SEA	MT
A:8270C	580-24977-A-2-I MS		580-82791	580-82655	03/23/2011 16:11	1	TAL SEA	AP

Lab ID: 580-24977-2 MSD **Client ID: YK-IDW-GW**

Sample Date/Time: 03/13/2011 15:30 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-24977-A-2-B MSD		580-82736		03/22/2011 15:31	100	TAL SEA	TR
A:8260B	580-24977-A-2-B MSD		580-82736		03/22/2011 15:31	100	TAL SEA	TR

Lab ID: 580-24977-2 DU **Client ID: YK-IDW-GW**

Sample Date/Time: 03/13/2011 15:30 Received Date/Time: 03/14/2011 08:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:150.1	580-24977-E-2 DU		580-82397		03/16/2011 14:07	1	TAL SEA	SH

Client: MWH Americas Inc

Job Number: 580-24977-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 580-82341/4-A		580-82736		03/22/2011 13:06	100	TAL SEA	TR
A:8260B	MB 580-82341/4-A		580-82736		03/22/2011 13:06	100	TAL SEA	TR
P:3520C	MB 580-82340/15-F		580-82791	580-82655	03/21/2011 15:15	1	TAL SEA	MT
A:8270C	MB 580-82340/15-F		580-82791	580-82655	03/23/2011 14:46	1	TAL SEA	AP
P:3550B	MB 580-82392/1-A		580-82442	580-82392	03/16/2011 15:15	1	TAL SEA	KKW
A:8082	MB 580-82392/1-A		580-82442	580-82392	03/17/2011 15:37	1	TAL SEA	MAM
P:3520C	MB 580-82378/1-A		580-82530	580-82378	03/16/2011 13:21	1	TAL SEA	MT
A:8082	MB 580-82378/1-A		580-82530	580-82378	03/18/2011 19:00	1	TAL SEA	MAM
P:3010A	MB 580-82340/15-B		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	MB 580-82340/15-B		580-82505	580-82387	03/17/2011 11:27	1	TAL SEA	SP
P:7470A	MB 580-82340/15-C		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	MB 580-82340/15-C		580-82646	580-82390	03/21/2011 09:45	1	TAL SEA	FCW
P:7.3.3	MB 580-82704/1-A		580-82781	580-82704	03/22/2011 10:01	1	TAL SEA	SP
A:9014	MB 580-82704/1-A		580-82781	580-82704	03/23/2011 09:32	1	TAL SEA	SP
P:7.3.4	MB 580-82706/1-A		580-82789	580-82706	03/22/2011 10:06	1	TAL SEA	SP
A:9034	MB 580-82706/1-A		580-82789	580-82706	03/23/2011 10:27	1	TAL SEA	SP

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 580-82736/28 ^P		580-82736		03/22/2011 13:30	100	TAL SEA	TR
A:8260B	LCS 580-82736/28 ^P		580-82736		03/22/2011 13:30	100	TAL SEA	TR
P:3510C	LCS 580-82655/2-A		580-82791	580-82655	03/21/2011 15:15	1	TAL SEA	MT
A:8270C	LCS 580-82655/2-A		580-82791	580-82655	03/23/2011 15:07	1	TAL SEA	AP
P:3550B	LCS 580-82392/3-A		580-82442	580-82392	03/16/2011 15:15	1	TAL SEA	KKW
A:8082	LCS 580-82392/3-A		580-82442	580-82392	03/17/2011 16:05	1	TAL SEA	MAM
P:3520C	LCS 580-82378/2-A		580-82530	580-82378	03/16/2011 13:21	1	TAL SEA	MT
A:8082	LCS 580-82378/2-A		580-82530	580-82378	03/18/2011 19:29	1	TAL SEA	MAM
P:3010A	LCS 580-82387/15-A		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	LCS 580-82387/15-A		580-82505	580-82387	03/17/2011 11:33	1	TAL SEA	SP
P:7470A	LCS 580-82390/15-A		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	LCS 580-82390/15-A		580-82646	580-82390	03/21/2011 09:47	1	TAL SEA	FCW
P:7.3.3	LCS 580-82704/2-A		580-82781	580-82704	03/22/2011 10:01	1	TAL SEA	SP
A:9014	LCS 580-82704/2-A		580-82781	580-82704	03/23/2011 09:32	1	TAL SEA	SP
P:7.3.4	LCS 580-82706/2-A		580-82789	580-82706	03/22/2011 10:06	1	TAL SEA	SP
A:9034	LCS 580-82706/2-A		580-82789	580-82706	03/23/2011 10:27	1	TAL SEA	SP

Client: MWH Americas Inc Job Number: 580-24977-1

Laboratory Chronicle

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3520C	LCSD 580-82378/3-A		580-82530	580-82378	03/16/2011 13:21	1	TAL SEA	MT
A:8082	LCSD 580-82378/3-A		580-82530	580-82378	03/18/2011 19:43	1	TAL SEA	MAM
P:3010A	LCSD 580-82387/16-A		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	LCSD 580-82387/16-A		580-82505	580-82387	03/17/2011 11:39	1	TAL SEA	SP
P:7470A	LCSD 580-82390/16-A		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	LCSD 580-82390/16-A		580-82646	580-82390	03/21/2011 09:50	1	TAL SEA	FCW

Lab ID: LCSSRM **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	LCSSRM 580-82387/17-A		580-82505	580-82387	03/16/2011 14:21	1	TAL SEA	PAB
A:6010B	LCSSRM 580-82387/17-A		580-82505	580-82387	03/17/2011 11:44	1	TAL SEA	SP
P:7470A	LCSSRM 580-82390/17-A		580-82646	580-82390	03/16/2011 14:33	1	TAL SEA	PAB
A:7470A	LCSSRM 580-82390/17-A		580-82646	580-82390	03/21/2011 09:52	1	TAL SEA	FCW

Lab References:
TAL SEA = TestAmerica Seattle

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Solid (TCLP) Level: Low

GC Column (1): ZB-624short ID: 0.18(mm)

Client Sample ID	Lab Sample ID	FB #	TFT #	TOL #	EBD10 #	BFB #
YK-IDW-Soil	580-24977-1	95	111	100	104	95
	MB 580-82341/4-A	98	110	96	100	94
	LCS 580-82736/28 ^P	97	115	106	122 X	98
YK-IDW-GW MS	580-24977-2 MS	95	117	106	121 X	99

	QC LIMITS
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water (TCLP) Level: Low

GC Column (1): ZB-624short ID: 0.18(mm)

Client Sample ID	Lab Sample ID	FB #	TFT #	TOL #	EBD10 #	BFB #
YK-IDW-GW	580-24977-2	96	110	95	102	97
YK-IDW-GW MSD	580-24977-2 MSD	93	116	105	122 X	100

	QC LIMITS
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3014020.D

Lab ID: LCS 580-82736/28 ^P Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Vinyl chloride	2010	2050	102	50-145	
1,1-Dichloroethene	1990	2070	104	70-130	
2-Butanone	2000	3360	168	30-150	*
Chloroform	2010	2040	101	65-135	
Carbon tetrachloride	2010	2100	104	65-140	
Benzene	2000	2060	103	80-120	
1,2-Dichloroethane	1990	2110	106	70-130	
Trichloroethene	2010	2400	120	70-125	
Tetrachloroethene	2010	2270	113	45-150	
Chlorobenzene	2010	1910	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Solid (TCLP) Level: Low Lab File ID: G3014024.D

Lab ID: 580-24977-2 MS Client ID: YK-IDW-GW MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Vinyl chloride	2010	ND	2040	102	50-145	
1,1-Dichloroethene	1990	ND	2120	107	70-130	
2-Butanone	2000	570 J	3310	137	30-150	
Chloroform	2010	ND	2050	102	65-135	
Carbon tetrachloride	2010	ND	2100	104	65-140	
Benzene	2000	ND	2070	104	80-120	
1,2-Dichloroethane	1990	ND	2150	108	70-130	
Trichloroethene	2010	ND	2440	122	70-125	
Tetrachloroethene	2010	ND	2790	139	45-150	
Chlorobenzene	2010	ND	1880	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water (TCLP) Level: Low Lab File ID: G3014025.D

Lab ID: 580-24977-2 MSD Client ID: YK-IDW-GW MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Vinyl chloride	2010	2100	105	3	30	50-145	
1,1-Dichloroethene	1990	2130	107	1	30	70-130	
2-Butanone	2000	3400	141	3	30	30-150	
Chloroform	2010	2020	101	2	30	65-135	
Carbon tetrachloride	2010	2100	104	0	30	65-140	
Benzene	2000	2070	104	0	30	80-120	
1,2-Dichloroethane	1990	2150	108	0	30	70-130	
Trichloroethene	2010	2420	121	1	30	70-125	
Tetrachloroethene	2010	3020	151	8	30	45-150	F
Chlorobenzene	2010	1930	96	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab File ID: G3014019.D Lab Sample ID: MB 580-82341/4-A

Matrix: Solid (TCLP) Heated Purge:(Y/N) N

Instrument ID: TAC001 Date Analyzed: 03/22/2011 13:06

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-82736/28 ^P	G3014020.D	03/22/2011 13:30
YK-IDW-Soil	580-24977-1	G3014022.D	03/22/2011 14:18
YK-IDW-GW	580-24977-2	G3014023.D	03/22/2011 14:42
YK-IDW-GW MS	580-24977-2 MS	G3014024.D	03/22/2011 15:06
YK-IDW-GW MSD	580-24977-2 MSD	G3014025.D	03/22/2011 15:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab File ID: G3013571.D BFB Injection Date: 02/10/2011

Instrument ID: TAC001 BFB Injection Time: 10:28

Analysis Batch No.: 80547

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.1	
75	30.0 - 60.0 % of mass 95	44.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.6	(0.5)1
174	50.0 - 120.00 % of mass 95	111.5	
175	5.0 - 9.0 % of mass 174	6.9	(6.2)1
176	95.0 - 101.0 % of mass 174	107.2	(96.1)1
177	5.0 - 9.0 % of mass 176	7.2	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 580-80547/4	G3013572.D	02/10/2011	10:53
	STD2 580-80547/5	G3013573.D	02/10/2011	11:17
	STD5 580-80547/6	G3013574.D	02/10/2011	11:45
	STD10 580-80547/7	G3013575.D	02/10/2011	12:09
	STD20 580-80547/8	G3013576.D	02/10/2011	12:33
	STD50 580-80547/9	G3013577.D	02/10/2011	12:57
	STD100 580-80547/10	G3013578.D	02/10/2011	13:21
	STD150 580-80547/11	G3013579.D	02/10/2011	13:46
	STD200 580-80547/12	G3013580.D	02/10/2011	14:10
	ICV 580-80547/15	G3013583.D	02/10/2011	15:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab File ID: G3014013.D BFB Injection Date: 03/22/2011

Instrument ID: TAC001 BFB Injection Time: 10:35

Analysis Batch No.: 82736

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.4	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.6	
173	Less than 2.0 % of mass 174	0.6	(0.5)1
174	50.0 - 120.00 % of mass 95	119.1	
175	5.0 - 9.0 % of mass 174	9.1	(7.6)1
176	95.0 - 101.0 % of mass 174	115.9	(97.3)1
177	5.0 - 9.0 % of mass 176	7.0	(6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82736/2	G3014014.D	03/22/2011	11:06
	MB 580-82341/4-A	G3014019.D	03/22/2011	13:06
	LCS 580-82736/28 ^P	G3014020.D	03/22/2011	13:30
YK-IDW-Soil	580-24977-1	G3014022.D	03/22/2011	14:18
YK-IDW-GW	580-24977-2	G3014023.D	03/22/2011	14:42
YK-IDW-GW MS	580-24977-2 MS	G3014024.D	03/22/2011	15:06
YK-IDW-GW MSD	580-24977-2 MSD	G3014025.D	03/22/2011	15:31

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: STD50 580-80547/9 Date Analyzed: 02/10/2011 12:57

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3013577.D Heated Purge: (Y/N) N

Calibration ID: 7302

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		709888	2.42	761215	2.71	320635	4.86
UPPER LIMIT		1419776	2.92	1522430	3.21	641270	5.36
LOWER LIMIT		354944	1.92	380608	2.21	160318	4.36
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-80547/15		713172	2.42	762004	2.71	325301	4.86

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: CCVIS 580-82736/2 Date Analyzed: 03/22/2011 11:06

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3014014.D Heated Purge: (Y/N) N

Calibration ID: 7302

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		529913	2.42	564857	2.71	273102	4.86
UPPER LIMIT		1059826	2.92	1129714	3.21	546204	5.36
LOWER LIMIT		264957	1.92	282429	2.21	136551	4.36
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82341/4-A		506093	2.42	552492	2.71	208983	4.86
LCS 580-82736/28 ^P		515598	2.42	550137	2.71	260868	4.86
580-24977-1	YK-IDW-Soil	511170	2.42	546992	2.71	211961	4.86
580-24977-2	YK-IDW-GW	508146	2.42	545926	2.71	202550	4.86
580-24977-2 MS	YK-IDW-GW MS	517862	2.42	539185	2.71	258637	4.86
580-24977-2 MSD	YK-IDW-GW MSD	512978	2.42	540844	2.71	249714	4.86

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-Soil | Lab Sample ID: 580-24977-1

Matrix: Solid (TCLP) | Lab File ID: G3014022.D

Analysis Method: 8260B | Date Collected: 03/13/2011 08:13

Sample wt/vol: 10(mL) | Date Analyzed: 03/22/2011 14:18

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82736 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		100	15
75-35-4	1,1-Dichloroethene	ND		100	15
78-93-3	2-Butanone	550	J B *	1000	150
67-66-3	Chloroform	ND		100	15
56-23-5	Carbon tetrachloride	ND		100	15
71-43-2	Benzene	ND		100	15
107-06-2	1,2-Dichloroethane	ND		100	15
79-01-6	Trichloroethene	ND		100	15
127-18-4	Tetrachloroethene	ND		100	15
108-90-7	Chlorobenzene	ND		100	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	95		80-120
2037-26-5	Toluene-d8 (Surr)	100		85-120
25837-05-2	Ethylbenzene-d10	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120
98-08-8	Trifluorotoluene (Surr)	111		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-GW | Lab Sample ID: 580-24977-2

Matrix: Water (TCLP) | Lab File ID: G3014023.D

Analysis Method: 8260B | Date Collected: 03/13/2011 15:30

Sample wt/vol: 10(mL) | Date Analyzed: 03/22/2011 14:42

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82736 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		100	15
75-35-4	1,1-Dichloroethene	ND		100	15
78-93-3	2-Butanone	570	J B *	1000	150
67-66-3	Chloroform	ND		100	15
56-23-5	Carbon tetrachloride	ND		100	15
71-43-2	Benzene	ND		100	15
107-06-2	1,2-Dichloroethane	ND		100	15
79-01-6	Trichloroethene	ND		100	15
127-18-4	Tetrachloroethene	ND		100	15
108-90-7	Chlorobenzene	ND		100	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	96		80-120
2037-26-5	Toluene-d8 (Surr)	95		85-120
25837-05-2	Ethylbenzene-d10	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120
98-08-8	Trifluorotoluene (Surr)	110		80-120

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-80547/4	G3013572.D
Level 2	STD2 580-80547/5	G3013573.D
Level 3	STD5 580-80547/6	G3013574.D
Level 4	STD10 580-80547/7	G3013575.D
Level 5	STD20 580-80547/8	G3013576.D
Level 6	STD50 580-80547/9	G3013577.D
Level 7	STD100 580-80547/10	G3013578.D
Level 8	STD150 580-80547/11	G3013579.D
Level 9	STD200 580-80547/12	G3013580.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.5164 0.5862	0.6830 0.5686	0.6651 0.5780	0.6443 0.5434	0.6013	Ave		0.5985				9.3		15.0			
Chloromethane	0.4811 0.4146	0.5300 0.3925	0.4993 0.3979	0.4398 0.3743	0.4403	Ave		0.4411			0.1000	12.0		15.0			
Vinyl chloride	0.4372 0.3831	0.4654 0.3743	0.4389 0.3763	0.4185 0.3654	0.4060	Ave		0.4072				8.6		15.0			
Bromomethane	0.3249 0.3176	0.4150 0.3065	0.3808 0.3005	0.3543 0.2830	0.3355	Ave		0.3353				12.0		15.0			
Chloroethane	+++++ 0.0631	0.0836 0.0605	0.0778 0.0586	0.0772 0.0552	0.0723	Ave		0.0685				15.0		15.0			
Trichlorofluoromethane	0.6509 0.7298	0.8407 0.7211	0.8524 0.7230	0.7668 0.7065	0.7337	Ave		0.7472				8.6		15.0			
Ethyl ether	0.1508 0.1350	0.1493 0.1309	0.1542 0.1243	0.1490 0.1246	0.1406	Ave		0.1398				8.3		15.0			
Acrolein	0.0232 0.0184	0.0126 0.0183	0.0209 0.0176	0.0203 0.0182	0.0192	Ave		0.0188				15.0		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3924 0.4525	0.4874 0.4435	0.5459 0.4392	0.4967 0.4534	0.4676	Ave		0.4643				9.2		15.0			
1,1-Dichloroethene	0.3923 0.3604	0.4310 0.3544	0.4220 0.3491	0.4131 0.3542	0.3804	Ave		0.3841				8.3		15.0			
Acetone	0.0358 0.0199	0.0301 0.0191	0.0266 0.0195	0.0235 0.0197	0.0234	Lin2	0.0818	0.0207							0.9920		0.9900
Iodomethane	0.9324 0.8682	0.9990 0.8539	1.0038 0.8229	0.9477 +++++	0.9053	Ave		0.9167				7.2		15.0			
Carbon disulfide	1.1570 1.1434	1.1014 1.1378	1.3439 1.1423	1.2451 1.1443	1.2004	Ave		1.1795				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0409 0.0377	0.0429 0.0374	0.0437 0.0371	0.0419 0.0373	0.0385	Ave		0.0397				6.7		15.0			
Methyl acetate	0.0219 0.0209	0.0253 0.0194	0.0252 0.0195	0.0209 0.0196	0.0213	Ave		0.0215				11.0		15.0			
Methylene Chloride	0.3839 0.2997	0.3612 0.2906	0.3655 0.2908	0.3298 0.2914	0.3162	Ave		0.3255				11.0		15.0			
t-Butyl alcohol	0.0048 0.0039	0.0061 0.0042	0.0051 0.0038	0.0048 0.0046	0.0041	Lin1	0.0092	0.0042							0.9920		0.9900
Methyl tert-butyl ether	0.3687 0.4121	0.4424 0.4197	0.4388 0.4192	0.4170 0.4482	0.4116	Ave		0.4197				5.6		15.0			
Acrylonitrile	0.0422 0.0324	0.0383 0.0315	0.0381 0.0304	0.0352 0.0311	0.0334	Ave		0.0347				12.0		15.0			
trans-1,2-Dichloroethene	0.3922 0.3777	0.4212 0.3737	0.4431 0.3696	0.4209 0.3737	0.3885	Ave		0.3956				6.7		15.0			
Hexane	0.3408 0.3580	0.3592 0.3509	0.4155 0.3417	0.3913 0.3402	0.3700	Ave		0.3631				7.1		15.0			
1,1-Dichloroethane	0.5937 0.5084	0.5879 0.4966	0.5774 0.4958	0.5665 0.4934	0.5270	Ave		0.5385			0.1000	7.9		15.0			
Diisopropyl ether	0.6662 0.6346	0.7677 0.6211	0.7105 0.6138	0.6879 0.6086	0.6533	Ave		0.6626				7.9		15.0			
Vinyl acetate	0.0264 0.0347	0.0343 0.0340	0.0342 0.0339	0.0339 0.0342	0.0344	Ave		0.0333				7.8		15.0			
Ethyl t-butyl ether	0.2210 0.2277	0.2393 0.2347	0.2318 0.2425	0.2279 0.2592	0.2249	Ave		0.2343				4.9		15.0			
2,2-Dichloropropane	0.3163 0.3654	0.3796 0.3727	0.3947 0.3824	0.3628 0.3991	0.3570	Ave		0.3700				6.6		15.0			
cis-1,2-Dichloroethene	0.4883 0.4086	0.5066 0.4015	0.4827 0.3995	0.4486 0.3943	0.4266	Ave		0.4396				9.9		15.0			
2-Butanone	0.0125 0.0120	0.0149 0.0118	0.0125 0.0112	0.0126 0.0117	0.0133	Ave		0.0125				8.7		15.0			
Ethyl acetate	0.0163 0.0131	0.0146 0.0131	0.0146 0.0124	0.0141 0.0128	0.0136	Ave		0.0138				8.7		15.0			
Methacrylonitrile	0.0575 0.0504	0.0561 0.0501	0.0547 0.0485	0.0532 0.0487	0.0525	Ave		0.0524				6.2		15.0			
Bromochloromethane	0.2588 0.2450	0.2883 0.2376	0.2654 0.2378	0.2676 0.2415	0.2491	Ave		0.2546				6.7		15.0			
Tetrahydrofuran	0.0144 0.0127	0.0139 0.0126	0.0139 0.0118	0.0126 0.0126	0.0126	Ave		0.0130				6.5		15.0			
Chloroform	0.7143 0.6199	0.7478 0.6103	0.7130 0.6051	0.6843 0.6107	0.6425	Ave		0.6609				8.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.5022 0.5433	0.5844 0.5636	0.6041 0.5705	0.5510 0.5890	0.5378	Ave		0.5607				5.5		15.0			
Cyclohexane	0.4260 0.4649	0.5268 0.4518	0.5799 0.4443	0.5160 0.4448	0.4879	Ave		0.4825				10.0		15.0			
1,1-Dichloropropene	0.4837 0.4775	0.5141 0.4704	0.5430 0.4657	0.5258 0.4676	0.4913	Ave		0.4932				5.7		15.0			
Carbon tetrachloride	0.5596 0.6243	0.5965 0.6235	0.6571 0.6358	0.6455 0.6605	0.6237	Ave		0.6252				5.0		15.0			
Isobutanol	+++++ 0.0019	0.0035 0.0023	0.0026 0.0025	0.0027 0.0025	0.0024	Qua2	0.0266	0.0021	0						0.9910		0.9900
Benzene	1.5188 1.3695	1.6230 1.3614	1.6044 1.3549	1.5434 1.3427	1.4422	Ave		1.4623				7.7		15.0			
1,2-Dichloroethane	0.3357 0.3046	0.3619 0.2985	0.3521 0.2896	0.3273 0.2922	0.3108	Ave		0.3192				8.3		15.0			
Tert-amyl methyl ether	0.3183 0.4043	0.4093 0.3992	0.4020 0.4190	0.3945 0.4395	0.3833	Ave		0.3966				8.4		15.0			
n-Butyl alcohol	0.0023 0.0014	0.0030 0.0015	0.0018 0.0014	0.0018 +++++	0.0015	Lin1	0.0177	0.0014							0.9950		0.9900
Trichloroethene	0.4098 0.4452	0.4419 0.4573	0.4783 0.4587	0.4598 0.4855	0.4423	Ave		0.4532				4.9		15.0			
Methylcyclohexane	0.4467 0.6420	0.5312 0.6637	0.6526 0.6534	0.6383 0.6919	0.6329	Ave		0.6170				13.0		15.0			
1,2-Dichloropropane	0.3136 0.3261	0.3346 0.3289	0.3383 0.3311	0.3524 0.3299	0.3276	Ave		0.3314				3.1		15.0			
Dibromomethane	0.1971 0.2061	0.2185 0.2078	0.2104 0.2064	0.2044 0.2191	0.2019	Ave		0.2080				3.5		15.0			
Bromodichloromethane	0.3945 0.4132	0.4241 0.4207	0.4343 0.4205	0.4102 0.4393	0.4060	Ave		0.4181				3.3		15.0			
BFB	+++++	+++++	+++++	+++++		None											
2-Chloroethyl vinyl ether	0.0846 0.1223	0.1029 0.1259	0.1136 0.1214	0.1154 0.1260	0.1182	Ave		0.1145				12.0		15.0			
cis-1,3-Dichloropropene	0.3256 0.4335	0.3657 0.4662	0.3927 0.4679	0.3910 0.4989	0.4017	Ave		0.4159				13.0		15.0			
4-Methyl-2-pentanone	0.0333 0.0501	0.0391 0.0512	0.0418 0.0506	0.0465 0.0552	0.0466	Ave		0.0460				15.0		15.0			
Toluene	1.4320 1.6754	1.5971 1.7180	1.7328 1.6728	1.6661 +++++	1.6578	Ave		1.6440				5.8		15.0			
trans-1,3-Dichloropropene	0.2166 0.2898	0.2256 0.3160	0.2393 0.3195	0.2427 0.3456	0.2580	Lin1	-0.254	0.3249							0.9950		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.2381 0.2109	0.2233 0.2157	0.2257 0.2075	0.2118 0.2237	0.2101	Ave		0.2185				4.5		15.0			
Tetrachloroethene	0.3635 0.4172	0.4112 0.4414	0.4512 0.4485	0.4187 0.4835	0.4061	Ave		0.4268				8.0		15.0			
1,3-Dichloropropane	0.2994 0.3491	0.3341 0.3496	0.3571 0.3429	0.3445 0.3594	0.3424	Ave		0.3421				5.2		15.0			
2-Hexanone	0.0275 0.0435	0.0297 0.0450	0.0342 0.0451	0.0385 0.0500	0.0411	Lin2	-0.097	0.0435							0.9900		0.9900
Dibromochloromethane	0.2313 0.2922	0.2631 0.3100	0.2751 0.3112	0.2818 0.3315	0.2768	Ave		0.2859				10.0		15.0			
1,2-Dibromoethane	0.1944 0.2079	0.2228 0.2123	0.2141 0.2109	0.2020 0.2240	0.2009	Ave		0.2099				4.7		15.0			
Chlorobenzene	3.1381 2.6560	3.1345 2.5984	2.9050 2.6755	2.7021 2.6108	2.6324	Ave		2.7836			0.3000	7.9		15.0			
Ethylbenzene	3.8376 4.5494	4.0484 4.4333	4.6015 4.0220	4.4091 3.0543	4.4461	Ave		4.1558				12.0		15.0			
1,1,1,2-Tetrachloroethane	0.9897 0.9105	0.9118 0.9268	0.9039 0.9602	0.8734 0.9911	0.8579	Ave		0.9250				5.1		15.0			
m-Xylene & p-Xylene	2.8762 3.5347	3.2332 2.8185	3.6843 +++++	3.6036 +++++	3.5215	Ave		3.3246				11.0		15.0			
o-Xylene	2.7550 3.4877	3.0592 3.4243	3.4169 3.3433	3.3508 2.8998	3.3954	Ave		3.2369				8.2		15.0			
Styrene	2.0377 2.7646	2.3014 2.7165	2.7390 2.7705	2.6662 2.5051	2.6965	Ave		2.5775				9.8		15.0			
Bromoform	0.3781 0.3938	0.3690 0.4010	0.3662 0.4137	0.3583 0.4382	0.3696	Ave		0.3875			0.1000	6.8		15.0			
Isopropylbenzene	3.0229 4.3455	3.5022 4.2832	4.0961 4.0778	4.1595 +++++	4.2167	Ave		3.9630				12.0		15.0			
cis-1,4-Dichloro-2-butene	0.0931 0.1407	0.1091 0.1454	0.1145 0.1488	0.1126 0.1588	0.1202	Qua2	-0.140	0.1207	0						0.9980		0.9900
1,1,2,2-Tetrachloroethane	0.5266 0.5342	0.5992 0.5134	0.6017 0.4978	0.5593 0.5137	0.5604	Ave		0.5451			0.3000	6.9		15.0			
Bromobenzene	1.1245 1.2004	1.2427 1.2015	1.2324 1.2496	1.1971 1.2891	1.1678	Ave		1.2117				4.0		15.0			
trans-1,4-Dichloro-2-butene	0.1058 0.1190	0.1253 0.1122	0.1261 0.1089	0.1182 0.1080	0.1193	Ave		0.1159				6.5		15.0			
1,2,3-Trichloropropane	0.1492 0.1459	0.1649 0.1430	0.1591 0.1437	0.1500 0.1466	0.1403	Ave		0.1492				5.3		15.0			
N-Propylbenzene	3.8389 5.5958	4.6546 5.3768	5.6713 +++++	5.5726 +++++	5.5336	Ave		5.1777				13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Chlorotoluene	1.0337 1.2299	1.1907 1.2002	1.2993 1.2340	1.2241 1.2707	1.2021	Ave		1.2094				6.2		15.0			
1,3,5-Trimethylbenzene	2.5879 3.8046	3.1985 3.7358	3.7957 3.7335	3.7019 +++++	3.7013	Ave		3.5324				12.0		15.0			
4-Chlorotoluene	1.0392 1.2225	1.1519 1.2016	1.2689 1.2418	1.2224 1.2718	1.2206	Ave		1.2045				5.9		15.0			
t-Butylbenzene	2.1415 3.3636	2.6080 3.5048	3.0330 3.6855	3.1710 3.4391	3.4478	Lin2	-1.416	3.4526							0.9980		0.9900
1,2,4-Trimethylbenzene	2.4274 3.8607	3.0508 3.7409	3.7348 3.6905	3.7052 3.1904	3.7497	Ave		3.4611				14.0		15.0			
sec-Butylbenzene	3.0921 4.9583	3.9669 4.8917	4.7873 4.3954	4.7665 3.9245	4.8370	Ave		4.4022				14.0		15.0			
4-Isopropyltoluene	2.3831 4.2464	3.2563 4.3041	3.9507 4.2582	3.9937 +++++	4.0711	Qua2	-1.843	4.2189	0.0006						1.0000		0.9900
1,3-Dichlorobenzene	2.4528 2.4288	2.5433 2.4336	2.6831 2.5307	2.5417 2.5795	2.4408	Ave		2.5149				3.4		15.0			
1,4-Dichlorobenzene	2.4316 2.3597	2.6157 2.3124	2.5722 2.3857	2.3910 2.4474	2.3517	Ave		2.4297				4.2		15.0			
2-Ethyl-1-Hexanol	+++++ 0.0099	0.0084 0.0116	0.0098 +++++	0.0120 +++++	0.0128	Qua	0.4597	0.0090	0						0.9960		0.9900
n-Butylbenzene	0.6677 1.0884	0.8355 1.0869	1.0503 1.1298	1.0423 1.1632	1.0629	Qua1	-0.352	1.0574	0.0005						1.0000		0.9900
1,2-Dichlorobenzene	1.8041 1.9773	1.9901 1.9274	2.1266 1.9652	2.0003 2.0494	1.9656	Ave		1.9784				4.4		15.0			
Hexachloroethane	0.5610 0.7099	0.6468 0.7341	0.6381 0.7898	0.6188 0.8276	0.6327	Ave		0.6843				13.0		15.0			
1,2-Dibromo-3-Chloropropane	0.0830 0.0827	0.0827 0.0876	0.0679 0.0869	0.0681 0.0939	0.0773	Ave		0.0811				11.0		15.0			
1,3,5-Trichlorobenzene	1.7647 1.9394	1.7267 1.9597	1.8465 2.0365	1.8246 2.1477	1.8275	Ave		1.8970				7.1		15.0			
1,2,4-Trichlorobenzene	0.9824 1.3692	1.0394 1.4043	1.1669 1.4325	1.1908 1.5341	1.2696	Ave		1.2655				15.0		15.0			
Hexachlorobutadiene	0.7999 0.9500	0.8639 0.9533	0.9567 0.9824	0.9343 1.0368	0.9102	Ave		0.9319				7.3		15.0			
Naphthalene	0.8088 1.4107	0.7827 1.4645	0.8579 1.5028	1.0007 1.6382	1.1573	Qua2	-0.340	1.0595	0.0032						0.9910		0.9900
1,2,3-Trichlorobenzene	0.7314 1.0317	0.7362 1.0308	0.8628 1.0475	0.8878 1.1295	0.9554	Ave		0.9348				15.0		15.0			
Fluorobenzene (Surr)	1.1221 1.1161	1.1336 1.1066	1.1327 1.1070	1.1334 1.1031	1.1165	Ave		1.1190				1.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Trifluorotoluene (Surr)	0.7094 0.8556	0.8770 0.8891	0.8935 0.9231	0.8575 0.9502	0.8312	Ave		0.8652				7.9		15.0			
Toluene-d8 (Surr)	0.8925 1.0019	0.9230 +++++	0.9728 +++++	0.9678 +++++	0.9892	Ave		0.9579				4.4		15.0			
Ethylbenzene-d10	0.2696 +++++	0.2718 +++++	0.2852 +++++	0.3167 +++++	0.3273	Ave		0.2941				9.0		15.0			
4-Bromofluorobenzene (Surr)	0.7818 0.8945	0.7785 0.8578	0.8206 0.8417	0.8370 0.8441	0.8670	Ave		0.8359				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-80547/4	G3013572.D
Level 2	STD2 580-80547/5	G3013573.D
Level 3	STD5 580-80547/6	G3013574.D
Level 4	STD10 580-80547/7	G3013575.D
Level 5	STD20 580-80547/8	G3013576.D
Level 6	STD50 580-80547/9	G3013577.D
Level 7	STD100 580-80547/10	G3013578.D
Level 8	STD150 580-80547/11	G3013579.D
Level 9	STD200 580-80547/12	G3013580.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	PFB	Ave	14467 832320	37771 1653611	93933 2548472	178347 3218711	337606	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Chloromethane	PFB	Ave	13494 589430	29346 1142806	70593 1756448	121867 2220032	247489	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl chloride	PFB	Ave	12258 544372	25759 1089164	62027 1660417	115918 2166269	228139	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Bromomethane	PFB	Ave	9109 451323	22973 891979	53826 1325900	98137 1677904	188561	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Chloroethane	PFB	Ave	+++++ 89665	4626 175971	10992 258305	21359 326899	40571	+++++ 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Trichlorofluoromethane	PFB	Ave	18245 1036841	46520 2098157	120446 3189507	212370 4187408	412208	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Ethyl ether	PFB	Ave	21155 959793	41339 1906190	109070 2744539	206476 3696399	395499	5.01 250	10.0 501	25.0 751	50.1 1001	100
Acrolein	PFB	Ave	3280 131803	3520 268224	14874 392360	28378 544319	54341	5.04 252	10.1 504	25.2 756	50.4 1008	101
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	10972 641300	26904 1287231	76945 1932814	137224 2680626	262062	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
1,1-Dichloroethene	PFB	Ave	10988 511518	23830 1030345	59578 1538660	114298 2097507	213519	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Acetone	PFB	Lin2	5021 141324	8339 278514	18828 429049	32509 583364	65764	5.00 250	10.0 500	25.0 750	50.0 1000	100
Iodomethane	PFB	Ave	131342 6198892	277805 12485746	712784 18242291	1319013 +++++	2555886	5.03 251	10.1 503	25.1 754	50.3 +++++	101
Carbon disulfide	PFB	Ave	32485 1627097	61041 3315738	190197 5047051	345375 6792795	675448	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Acetonitrile	PFB	Ave	11458 535051	23747 1086988	61784 1637323	115958 2210546	215981	10.00 500	20.0 1000	50.0 1499	100.0 1999	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methyl acetate	PFB	Ave	3066 148368	7005 282812	17832 430141	28988 581665	59923	5.01 250	10.0 501	25.0 751	50.1 1001	100
Methylene Chloride	PFB	Ave	10734 424820	19940 843535	51520 1279575	91124 1722733	177216	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
t-Butyl alcohol	PFB	Lin1	679 27529	1686 61518	3595 84010	6642 137571	11519	5.00 250	10.0 500	25.0 750	50.0 1000	100
Methyl tert-butyl ether	PFB	Ave	10337 585563	24483 1221170	62009 1849488	115491 2656407	231266	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Acrylonitrile	PFB	Ave	5923 230310	10598 458852	26922 672038	48852 923207	93836	5.01 250	10.0 501	25.0 751	50.1 1001	100
trans-1,2-Dichloroethene	PFB	Ave	10995 536615	23307 1087321	62616 1630705	116587 2214854	218288	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Hexane	PFB	Ave	9578 509912	19926 1023632	58858 1511112	108657 2021411	208421	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
1,1-Dichloroethane	PFB	Ave	16635 722059	32519 1444263	81557 2186426	156824 2923163	295963	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Diisopropyl ether	PFB	Ave	18676 901684	42483 1807199	100404 2707988	190522 3607525	367057	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl acetate	PFB	Ave	3730 248322	9562 497406	24356 751888	47295 1019518	97212	5.03 252	10.1 503	25.2 755	50.3 1007	101
Ethyl t-butyl ether	PFB	Ave	6196 323528	13242 682892	32756 1070027	63124 1536253	126386	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2,2-Dichloropropane	PFB	Ave	8867 519186	21008 1084521	55772 1687123	100492 2365675	200609	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,2-Dichloroethene	PFB	Ave	13716 581790	28089 1170540	68349 1766235	124492 2341833	240163	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Butanone	PFB	Ave	1753 85449	4127 171825	8808 248145	17383 345757	37353	5.00 250	10.0 500	25.0 750	50.0 1000	100
Ethyl acetate	PFB	Ave	2294 93743	4047 191750	10387 274704	19608 380631	38353	5.03 251	10.1 503	25.1 754	50.3 1005	101
Methacrylonitrile	PFB	Ave	8165 362968	15716 739055	39177 1083595	74682 1461176	149276	5.07 253	10.1 507	25.3 760	50.7 1013	101
Bromochloromethane	PFB	Ave	7267 348593	15976 692518	37563 1050810	74225 1433836	140163	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrahydrofuran	PFB	Ave	2019 89977	3854 182843	9810 260351	17440 374397	35468	5.01 250	10.0 501	25.0 751	50.1 1001	100
Chloroform	PFB	Ave	20046 881636	41426 1777721	100861 2672153	189709 3623208	361352	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,1,1-Trichloroethane	PFB	Ave	14071 771548	32323 1639193	85320 2515517	152542 3489623	302015	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Cyclohexane	PFB	Ave	11943 660569	29151 1314738	81942 1960196	142902 2636529	274145	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1-Dichloropropene	PFB	Ave	13431 671989	28180 1355740	76009 2035014	144235 2745199	273431	0.991 49.5	1.98 99.1	4.95 149	9.91 198	19.8
Carbon tetrachloride	PFB	Ave	15710 888326	33057 1817097	92997 2809186	179060 3920877	350958	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Isobutanol	PFB	Qua2	+++++ 27131	1912 66846	3660 110533	7485 149340	13702	+++++ 499	20.0 999	49.9 1498	99.9 1997	200
Benzene	PFB	Ave	42536 1943940	89724 3957408	226497 5971605	427024 7950714	809504	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,2-Dichloroethane	PFB	Ave	9406 432515	20015 868284	49730 1277033	90614 1731173	174546	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Tert-amyl methyl ether	PFB	Ave	8924 574412	22652 1161532	56812 1848515	109261 2605050	215377	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
n-Butyl alcohol	DFB	Lin1	709 21764	1792 46102	2771 65340	5339 +++++	9297	10.0 501	20.0 1001	50.1 1502	100 +++++	200
Trichloroethene	DFB	Ave	12579 677611	26568 1402690	73582 2163306	137286 3044141	267812	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Methylcyclohexane	DFB	Ave	13703 976563	31925 2034922	100361 3079763	190484 4335674	383049	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2-Dichloropropane	DFB	Ave	9836 507206	20560 1031286	53196 1595825	107524 2114106	202748	1.02 51.1	2.04 102	5.11 153	10.2 204	20.4
Dibromomethane	DFB	Ave	6085 315554	13220 641272	32559 979091	61389 1382193	122990	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1
Bromodichloromethane	DFB	Ave	12120 629419	25529 1291734	66887 1985177	122597 2757220	246088	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
BFB		None	28399 +++++	31015 +++++	36469 +++++	34925 +++++	36994	5.01 +++++	5.01 +++++	5.01 +++++	5.01 +++++	5.01
2-Chloroethyl vinyl ether	DFB	Ave	13067 936570	31110 1943535	87945 2879147	173375 3975280	360122	5.03 252	10.1 503	25.2 755	50.3 1006	101
cis-1,3-Dichloropropene	DFB	Ave	9913 654446	21812 1418611	59943 2188788	115824 3102580	241297	0.992 49.6	1.98 99.2	4.96 149	9.92 198	19.8
4-Methyl-2-pentanone	DFB	Ave	5109 381077	11752 784888	32153 1193737	69396 1731207	141056	5.00 250	10.0 500	25.0 750	50.0 1000	100
Toluene	DFB	Ave	43929 2548557	95981 5267514	266464 7884353	497217 +++++	1003292	1.000 50.0	2.00 100.0	5.00 150	10.00 +++++	20.0
trans-1,3-Dichloropropene	DFB	Lin1	6782 449833	13836 988717	37559 1536697	73931 2209919	159348	1.02 51.0	2.04 102	5.10 153	10.2 204	20.4
1,1,2-Trichloroethane	DFB	Ave	7322 321666	13451 663106	34796 980514	63371 1405022	127466	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrachloroethene	DFB	Ave	11173 635907	24760 1355981	69531 2118414	125194 3035611	246293	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,3-Dichloropropane	DFB	Ave	9181 530788	20071 1071415	54885 1615460	102765 2251057	207113	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Hexanone	DFB	Lin2	4218 330783	8931 690429	26345 1063752	57506 1566081	124531	5.00 250	10.0 500	25.0 750	50.0 1000	100
Dibromochloromethane	DFB	Ave	7045 441366	15700 943746	42010 1456381	83523 2062710	166372	0.993 49.6	1.99 99.3	4.96 149	9.93 199	19.9
1,2-Dibromoethane	DFB	Ave	5985 317383	13435 653083	33032 997731	60487 1408342	121990	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
Chlorobenzene	DCB	Ave	33396 1699815	71847 3560228	174005 5525490	328207 7419756	653330	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
Ethylbenzene	DCB	Ave	40902 2915928	92936 6083498	276035 8319027	536357 8693270	1105153	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,1,1,2-Tetrachloroethane	DCB	Ave	10585 585642	21004 1276272	54414 1993026	106614 2830837	213992	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
m-Xylene & p-Xylene	DCB	Ave	61416 4539113	148703 7748653	442802 +++++	878281 +++++	1753729	2.00 100	4.01 200	10.0 +++++	20.0 +++++	40.1
o-Xylene	DCB	Ave	29407 2238762	70332 4705931	205285 6925613	408226 8265929	845240	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Styrene	DCB	Ave	21816 1779958	53069 3744369	165046 5756271	325792 7162333	673275	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
Bromoform	DCB	Ave	4092 256306	8601 558786	22310 868911	44266 1266583	93305	1.02 50.8	2.03 102	5.08 152	10.2 203	20.3
Isopropylbenzene	DCB	Ave	32251 2788040	80478 5883279	245963 8442738	506499 +++++	1049182	1.00 50.0	2.00 100	5.00 150	10.0 +++++	20.0
cis-1,4-Dichloro-2-butene	DCB	Qua2	4967 451532	12538 998851	34380 1541657	68620 2263199	149612	5.01 250	10.0 501	25.0 751	50.1 1001	100
1,1,2,2-Tetrachloroethane	DCB	Ave	5629 343409	13796 706664	36204 1032686	68237 1466581	139708	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
Bromobenzene	DCB	Ave	12075 775171	28742 1661144	74486 2603998	146722 3696553	292454	1.01 50.4	2.01 101	5.04 151	10.1 201	20.1
trans-1,4-Dichloro-2-butene	DCB	Ave	5641 381525	14391 770085	37845 1126642	71959 1537757	148378	5.00 250	10.0 500	25.0 750	50.0 1000	100
1,2,3-Trichloropropane	DCB	Ave	1608 94551	3826 198417	9652 300533	18448 421962	35264	1.01 50.5	2.02 101	5.05 152	10.1 202	20.2
N-Propylbenzene	DCB	Ave	40936 3588416	106904 7381833	340385 +++++	678239 +++++	1376157	1.00 50.0	2.00 100	5.00 +++++	10.0 +++++	20.0
2-Chlorotoluene	DCB	Ave	11072 792232	27471 1655177	78335 2565153	149658 3634790	300290	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
1,3,5-Trimethylbenzene	DCB	Ave	27624 2442188	73536 5133944	228038 7733768	450999 +++++	921389	1.00 50.1	2.00 100	5.01 150	10.0 +++++	20.0
4-Chlorotoluene	DCB	Ave	11109 785911	26523 1653777	76347 2576272	149146 3630627	304297	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
t-Butylbenzene	DCB	Lin2	22824 2155872	59869 4809282	181948 7622929	385743 9788524	857015	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4-Trimethylbenzene	DCB	Ave	26027 2489396	70454 5164061	225389 7679006	453441 9135099	937642	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1
sec-Butylbenzene	DCB	Ave	33022 3184358	91246 6725901	287760 9109469	580999 11192577	1204714	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Isopropyltoluene	DCB	Qua2	25387 2720365	74715 5903193	236881 8803082	485585 +++++	1011422	0.999 50.0	2.00 99.9	5.00 150	9.99 +++++	20.0
1,3-Dichlorobenzene	DCB	Ave	26168 1558282	58443 3342724	161116 5239648	309507 7349260	607296	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,4-Dichlorobenzene	DCB	Ave	25903 1511716	60015 3171476	154227 4932019	290715 6962481	584266	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Ethyl-1-Hexanol	DCB	Qua	+++++ 158817	4843 398548	14691 +++++	36562 +++++	79850	+++++ 1250	50.0 2499	125 +++++	250 +++++	500
n-Butylbenzene	DCB	Qua1	7120 697965	19190 1492174	63039 2338024	126855 3312471	264324	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2-Dichlorobenzene	DCB	Ave	19247 1268636	45731 2647475	127697 4068838	243570 5839071	489068	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Hexachloroethane	DCB	Ave	6000 456581	14900 1010826	38410 1639281	75545 2363662	157811	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,2-Dibromo-3-Chloropropane	DCB	Ave	888 53197	1906 120618	4090 180319	8308 268268	19286	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,3,5-Trichlorobenzene	DCB	Ave	18818 1243686	39659 2690461	110826 4214318	222070 6116079	454480	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,4-Trichlorobenzene	DCB	Ave	10402 871895	23705 1914455	69544 2943591	143920 4337943	313536	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Hexachlorobutadiene	DCB	Ave	8530 609177	19842 1308738	57418 2033029	113712 2952544	226353	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Naphthalene	DCB	Qua2	8638 905994	18003 2013563	51566 3114537	121971 4672168	288240	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,2,3-Trichlorobenzene	DCB	Ave	7745 656975	16790 1405333	51421 2152571	107292 3193949	235931	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Fluorobenzene (Surr)	PFB	Ave	157347 158646	156898 161061	160123 162856	157017 163528	156896	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Trifluorotoluene (Surr)	DFB	Ave	21765 1301610	52714 2726295	137417 4351569	255931 5955076	503078	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Toluene-d8 (Surr)	DFB	Ave	137159 152700	138955 +++++	149888 +++++	144701 +++++	149955	5.01 5.01	5.01 +++++	5.01 +++++	5.01 +++++	5.01
Ethylbenzene-d10	DFB	Ave	41377 +++++	40874 +++++	43897 +++++	47289 +++++	49556	5.00 +++++	5.00 +++++	5.00 +++++	5.00 +++++	5.00
4-Bromofluorobenzene (Surr)	DCB	Ave	41772 57484	44795 59011	49357 58185	51045 60222	54021	5.01 5.01	5.01 5.01	5.01 5.01	5.01 5.01	5.01

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80547

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2011 10:53 Calibration End Date: 02/10/2011 14:10 Calibration ID: 7302

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
None = No Calib Curve
Qua = Quadratic ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-80547/15 Calibration Date: 02/10/2011 15:22

Instrument ID: TAC001 Calib Start Date: 02/10/2011 10:53

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 02/10/2011 14:10

Lab File ID: G3013583.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5985	0.4901		40.1	49.0	-18.1	25.0
Chloromethane	Ave	0.4411	0.3644	0.1000	41.3	50.0	-17.4	25.0
Vinyl chloride	Ave	0.4072	0.3915		48.1	50.0	-3.9	25.0
Bromomethane	Ave	0.3353	0.3262		48.6	50.0	-2.7	25.0
Chloroethane	Ave	0.0685	0.0647		47.3	50.1	-5.6	25.0
Trichlorofluoromethane	Ave	0.7472	0.7251		48.1	49.5	-3.0	25.0
Ethyl ether	Ave	0.1398	0.1430		254	248	2.2	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4643	0.5041		54.0	49.7	8.6	40.0
1,1-Dichloroethene	Ave	0.3841	0.3842		49.5	49.5	0.0	25.0
Acetone	Lin2		0.0258		58.3	50.0	16.5	25.0
Iodomethane	Ave	0.9167	0.9058		48.6	49.2	-1.2	40.0
Carbon disulfide	Ave	1.180	1.015		43.0	50.0	-14.0	25.0
Acetonitrile	Ave	0.0397	0.0412		518	500	3.7	40.0
Methyl acetate	Ave	0.0215	0.0180		210	252	-16.7	40.0
Methylene Chloride	Ave	0.3255	0.3123		47.9	50.0	-4.1	25.0
Methyl tert-butyl ether	Ave	0.4197	0.4221		50.3	50.0	0.6	25.0
t-Butyl alcohol	Lin1		0.0037		218	250	-12.9	40.0
trans-1,2-Dichloroethene	Ave	0.3956	0.3936		49.7	50.0	-0.5	25.0
Hexane	Ave	0.3631	0.3958		54.6	50.1	9.0	40.0
1,1-Dichloroethane	Ave	0.5385	0.5317	0.1000	49.2	49.8	-1.3	25.0
Diisopropyl ether	Ave	0.6626	0.6279		47.4	50.0	-5.2	40.0
Vinyl acetate	Ave	0.0333	0.0292		43.8	50.0	-12.4	40.0
Ethyl t-butyl ether	Ave	0.2343	0.2400		51.2	50.0	2.4	40.0
2,2-Dichloropropane	Ave	0.3700	0.3671		49.6	50.0	-0.8	25.0
cis-1,2-Dichloroethene	Ave	0.4396	0.4243		48.3	50.0	-3.5	25.0
2-Butanone	Ave	0.0125	0.0136		54.5	50.0	9.0	25.0
Ethyl acetate	Ave	0.0138	0.0154		55.6	50.0	11.3	40.0
Methacrylonitrile	Ave	0.0524	0.0495		472	500	-5.6	40.0
Bromochloromethane	Ave	0.2546	0.2525		49.2	49.6	-0.8	25.0
Tetrahydrofuran	Ave	0.0130	0.0124		238	249	-4.3	40.0
Chloroform	Ave	0.6609	0.6546		49.4	49.9	-1.0	25.0
1,1,1-Trichloroethane	Ave	0.5607	0.5822		51.9	50.0	3.8	25.0
Cyclohexane	Ave	0.4825	0.5285		54.6	49.9	9.5	40.0
1,1-Dichloropropene	Ave	0.4932	0.4967		50.1	49.8	0.7	25.0
Carbon tetrachloride	Ave	0.6252	0.6363		50.9	50.0	1.8	25.0
Isobutanol	Qua2		0.0019		829	998	-16.9	40.0
Benzene	Ave	1.462	1.444		49.4	50.0	-1.3	25.0
1,2-Dichloroethane	Ave	0.3192	0.3172		49.7	50.0	-0.6	25.0
Tert-amyl methyl ether	Ave	0.3966	0.4089		51.5	50.0	3.1	40.0
n-Butyl alcohol	Lin1		0.0016		44.9	49.8	-10.0	40.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-80547/15 Calibration Date: 02/10/2011 15:22

Instrument ID: TAC001 Calib Start Date: 02/10/2011 10:53

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 02/10/2011 14:10

Lab File ID: G3013583.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Trichloroethene	Ave	0.4532	0.4888		54.0	50.0	7.8	25.0
Methylcyclohexane	Ave	0.6170	0.7278		59.0	50.0	18.0	40.0
1,2-Dichloropropane	Ave	0.3314	0.3260		49.2	50.0	-1.6	25.0
Dibromomethane	Ave	0.2080	0.2116		50.2	49.3	1.7	25.0
Bromodichloromethane	Ave	0.4181	0.4206		50.3	50.0	0.6	25.0
2-Chloroethyl vinyl ether	Ave	0.1145	0.0934		40.6	49.8	-18.4	40.0
cis-1,3-Dichloropropene	Ave	0.4159	0.3983		50.3	52.6	-4.2	25.0
4-Methyl-2-pentanone	Ave	0.0460	0.0441		47.7	49.7	-4.1	25.0
Toluene	Ave	1.644	1.758		53.5	50.0	6.9	25.0
trans-1,3-Dichloropropene	Lin1		0.2759		41.1	47.5	-13.5	25.0
1,1,2-Trichloroethane	Ave	0.2185	0.2126		48.0	49.3	-2.7	25.0
Tetrachloroethene	Ave	0.4268	0.4517		53.0	50.0	5.8	25.0
1,3-Dichloropropane	Ave	0.3421	0.3507		51.0	49.8	2.5	25.0
2-Hexanone	Lin2		0.0368		43.7	49.0	-10.9	25.0
Dibromochloromethane	Ave	0.2859	0.2814		48.3	49.0	-1.6	25.0
1,2-Dibromoethane	Ave	0.2099	0.2097		49.5	49.5	-0.0	25.0
Chlorobenzene	Ave	2.784	2.716	0.3000	48.8	50.0	-2.4	25.0
1,1,1,2-Tetrachloroethane	Ave	0.9250	0.9442		50.2	49.2	2.1	25.0
Ethylbenzene	Ave	4.156	4.684		56.4	50.0	12.7	25.0
m-Xylene & p-Xylene	Ave	3.325	3.612		109	100	8.7	25.0
o-Xylene	Ave	3.237	3.525		53.9	49.5	8.9	25.0
Styrene	Ave	2.578	2.766		53.5	49.8	7.3	25.0
Bromoform	Ave	0.3875	0.3790	0.1000	48.5	49.6	-2.2	25.0
Isopropylbenzene	Ave	3.963	4.126		52.1	50.0	4.1	25.0
cis-1,4-Dichloro-2-butene	Qua2		0.1149		47.3	49.3	-4.0	40.0
1,1,2,2-Tetrachloroethane	Ave	0.5451	0.5035	0.3000	45.4	49.2	-7.6	25.0
Bromobenzene	Ave	1.212	1.223		50.2	49.8	0.9	25.0
trans-1,4-Dichloro-2-butene	Ave	0.1159	0.1293		55.8	50.0	11.6	40.0
1,2,3-Trichloropropane	Ave	0.1492	0.1448		47.8	49.3	-3.0	25.0
N-Propylbenzene	Ave	5.178	5.409		52.3	50.0	4.5	25.0
2-Chlorotoluene	Ave	1.209	1.258		51.4	49.4	4.0	25.0
1,3,5-Trimethylbenzene	Ave	3.532	3.961		55.5	49.4	12.1	25.0
4-Chlorotoluene	Ave	1.205	1.251		51.2	49.3	3.8	25.0
t-Butylbenzene	Lin2		3.433		49.6	49.5	0.3	25.0
1,2,4-Trimethylbenzene	Ave	3.461	4.055		58.6	50.0	17.2	25.0
sec-Butylbenzene	Ave	4.402	5.043		57.3	50.0	14.6	25.0
4-Isopropyltoluene	Qua2		4.388		51.8	49.8	4.2	25.0
1,3-Dichlorobenzene	Ave	2.515	2.404		47.8	50.0	-4.4	25.0
1,4-Dichlorobenzene	Ave	2.430	2.334		48.0	50.0	-4.0	25.0
2-Ethyl-1-Hexanol	Qua		0.0080		483	625	-22.6	40.0
n-Butylbenzene	Qua1		1.133		52.6	50.0	5.1	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-80547/15 Calibration Date: 02/10/2011 15:22

Instrument ID: TAC001 Calib Start Date: 02/10/2011 10:53

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 02/10/2011 14:10

Lab File ID: G3013583.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichlorobenzene	Ave	1.978	1.927		48.6	49.9	-2.6	25.0
Hexachloroethane	Ave	0.6843	0.6504		47.5	50.0	-5.0	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0811	0.0760		46.8	50.0	-6.3	25.0
1,2,4-Trichlorobenzene	Ave	1.265	1.343		52.7	49.6	6.1	25.0
Hexachlorobutadiene	Ave	0.9319	0.9674		50.9	49.0	3.8	25.0
Naphthalene	Qua2		1.344		54.8	50.1	9.4	25.0
1,2,3-Trichlorobenzene	Ave	0.9348	0.9772		52.4	50.1	4.5	25.0
Fluorobenzene (Surr)	Ave	1.119	1.085		4.85	5.00	-3.1	25.0
Trifluorotoluene (Surr)	Ave	0.8652	0.9368		10.8	10.0	8.3	25.0
Toluene-d8 (Surr)	Ave	0.9579	1.034		5.40	5.01	7.9	25.0
Ethylbenzene-d10	Ave	0.2941	0.3875		6.59	5.00	31.8*	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8359	0.8491		5.09	5.01	1.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVIS 580-82736/2 Calibration Date: 03/22/2011 11:06

Instrument ID: TAC001 Calib Start Date: 02/10/2011 10:53

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 02/10/2011 14:10

Lab File ID: G3014014.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5985	0.5575		46.5	50.0	-6.8	
Chloromethane	Ave	0.4411	0.3947	0.1000	44.8	50.0	-10.5	
Vinyl chloride	Ave	0.4072	0.3660		44.9	50.0	-10.1	20.0
Bromomethane	Ave	0.3353	0.3109		46.4	50.0	-7.3	
Chloroethane	Ave	0.0685	0.0617		45.0	50.0	-10.0	
Trichlorofluoromethane	Ave	0.7472	0.6792		45.4	50.0	-9.1	
Ethyl ether	Ave	0.1398	0.1380		247	250	-1.3	
Acrolein	Ave	0.0188	0.0133		179	252	-28.9	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4643	0.4122		44.2	49.7	-11.2	
1,1-Dichloroethene	Ave	0.3841	0.3328		43.6	50.3	-13.4	20.0
Acetone	Lin2		0.0269		321	250	28.3	
Iodomethane	Ave	0.9167	0.8399		230	251	-8.4	
Carbon disulfide	Ave	1.180	1.032		44.0	50.3	-12.5	
Acetonitrile	Ave	0.0397	0.0368		466	504	-7.5	
Methyl acetate	Ave	0.0215	0.0210		244	250	-2.7	
Methylene Chloride	Ave	0.3255	0.2888		44.8	50.5	-11.3	
Acrylonitrile	Ave	0.0347	0.0352		255	251	1.5	
Methyl tert-butyl ether	Ave	0.4197	0.5150		61.3	50.0	22.7	
t-Butyl alcohol	Lin1		0.0039		228	250	-8.8	
trans-1,2-Dichloroethene	Ave	0.3956	0.3696		46.4	49.7	-6.6	
Hexane	Ave	0.3631	0.2562		35.1	49.7	-29.4	
1,1-Dichloroethane	Ave	0.5385	0.5045	0.1000	46.8	49.9	-6.3	
Diisopropyl ether	Ave	0.6626	0.6569		49.6	50.0	-0.9	
Vinyl acetate	Ave	0.0333	0.0099		74.8	252	-70.3	
Ethyl t-butyl ether	Ave	0.2343	0.2981		63.6	50.0	27.2	
2,2-Dichloropropane	Ave	0.3700	0.2449		33.1	50.0	-33.8	
cis-1,2-Dichloroethene	Ave	0.4396	0.4038		45.9	49.9	-8.1	
2-Butanone	Ave	0.0125	0.0143		286	250	14.6	
Ethyl acetate	Ave	0.0138	0.0141		256	251	2.1	
Methacrylonitrile	Ave	0.0524	0.0551		263	251	5.1	
Bromochloromethane	Ave	0.2546	0.2530		49.8	50.1	-0.6	
Tetrahydrofuran	Ave	0.0130	0.0142		274	250	9.5	
Chloroform	Ave	0.6609	0.6113		46.3	50.0	-7.5	20.0
1,1,1-Trichloroethane	Ave	0.5607	0.5558		49.6	50.0	-0.9	
Cyclohexane	Ave	0.4825	0.4226		43.5	49.7	-12.4	
1,1-Dichloropropene	Ave	0.4932	0.4469		45.2	49.9	-9.4	
Carbon tetrachloride	Ave	0.6252	0.6064		48.6	50.1	-3.0	
Isobutanol	Qua2		0.0032		698	496	40.7	
Benzene	Ave	1.462	1.353		46.2	50.0	-7.5	
1,2-Dichloroethane	Ave	0.3192	0.3127		49.0	50.0	-2.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVIS 580-82736/2 Calibration Date: 03/22/2011 11:06

Instrument ID: TAC001 Calib Start Date: 02/10/2011 10:53

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 02/10/2011 14:10

Lab File ID: G3014014.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.3966	0.5201		65.6	50.0	31.1	
n-Butyl alcohol	Lin1		0.0027		939	503	86.6	
Trichloroethene	Ave	0.4532	0.5539		61.2	50.0	22.2	
Methylcyclohexane	Ave	0.6170	0.6116		49.4	49.8	-0.9	
1,2-Dichloropropane	Ave	0.3314	0.3464		52.6	50.3	4.5	20.0
Dibromomethane	Ave	0.2080	0.2367		57.0	50.1	13.8	
Bromodichloromethane	Ave	0.4181	0.4469		53.5	50.0	6.9	
2-Chloroethyl vinyl ether	Ave	0.1145	0.1299		285	252	13.4	
cis-1,3-Dichloropropene	Ave	0.4159	0.4504		53.3	49.2	8.3	
4-Methyl-2-pentanone	Ave	0.0460	0.0582		316	250	26.5	
Toluene	Ave	1.644	1.730		52.6	50.0	5.2	20.0
trans-1,3-Dichloropropene	Lin1		0.3128		49.5	50.6	-2.2	
1,1,2-Trichloroethane	Ave	0.2185	0.2383		54.5	50.0	9.0	
Tetrachloroethene	Ave	0.4268	0.8474		99.6	50.2	98.5	
1,3-Dichloropropane	Ave	0.3421	0.3785		55.4	50.1	10.7	
2-Hexanone	Lin2		0.0541		313	250	25.3	
Dibromochloromethane	Ave	0.2859	0.3360		58.3	49.6	17.5	
1,2-Dibromoethane	Ave	0.2099	0.2365		56.4	50.1	12.7	
Chlorobenzene	Ave	2.784	2.448	0.3000	43.9	49.9	-12.1	
1,1,1,2-Tetrachloroethane	Ave	0.9250	0.8802		47.6	50.0	-4.8	
Ethylbenzene	Ave	4.156	4.078		49.1	50.1	-1.9	20.0
m-Xylene & p-Xylene	Ave	3.325	3.097		93.2	100	-6.8	
o-Xylene	Ave	3.237	3.161		48.9	50.0	-2.3	
Styrene	Ave	2.578	2.529		49.3	50.2	-1.9	
Bromoform	Ave	0.3875	0.4091	0.1000	53.6	50.8	5.6	
Isopropylbenzene	Ave	3.963	3.894		49.1	50.0	-1.7	
cis-1,4-Dichloro-2-butene	Qua2		0.1176		228	250	-9.1	
1,1,2,2-Tetrachloroethane	Ave	0.5451	0.4274	0.3000	39.2	50.0	-21.6	
Bromobenzene	Ave	1.212	1.148		47.7	50.3	-5.2	
trans-1,4-Dichloro-2-butene	Ave	0.1159	0.0946		204	250	-18.4	
1,2,3-Trichloropropane	Ave	0.1492	0.1434		48.2	50.1	-3.9	
N-Propylbenzene	Ave	5.178	4.784		46.2	50.0	-7.6	
2-Chlorotoluene	Ave	1.209	1.121		46.6	50.2	-7.3	
1,3,5-Trimethylbenzene	Ave	3.532	3.341		47.3	50.0	-5.4	
4-Chlorotoluene	Ave	1.205	1.093		45.5	50.1	-9.3	
t-Butylbenzene	Lin2		3.116		45.5	50.0	-8.9	
1,2,4-Trimethylbenzene	Ave	3.461	3.300		47.7	50.1	-4.7	
sec-Butylbenzene	Ave	4.402	4.260		48.4	50.0	-3.2	
4-Isopropyltoluene	Qua2		3.664		43.6	50.0	-12.8	
1,3-Dichlorobenzene	Ave	2.515	2.236		44.5	50.0	-11.1	
1,4-Dichlorobenzene	Ave	2.430	2.158		44.4	50.0	-11.2	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVIS 580-82736/2 Calibration Date: 03/22/2011 11:06

Instrument ID: TAC001 Calib Start Date: 02/10/2011 10:53

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 02/10/2011 14:10

Lab File ID: G3014014.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Ethyl-1-Hexanol	Qua		0.0127		1480	1250	19.0	
n-Butylbenzene	Qua1		0.9171		42.8	50.0	-14.4	
1,2-Dichlorobenzene	Ave	1.978	1.853		46.9	50.0	-6.3	
Hexachloroethane	Ave	0.6843	0.6575		47.8	49.8	-3.9	
1,2-Dibromo-3-Chloropropane	Ave	0.0811	0.0912		56.2	50.0	12.5	
1,3,5-Trichlorobenzene	Ave	1.897	1.775		46.5	49.7	-6.4	
1,2,4-Trichlorobenzene	Ave	1.265	1.326		52.4	50.0	4.8	
Hexachlorobutadiene	Ave	0.9319	0.7893		42.4	50.0	-15.3	
Naphthalene	Qua2		1.463		58.9	50.1	17.7	
1,2,3-Trichlorobenzene	Ave	0.9348	1.022		54.6	49.9	9.3	
Fluorobenzene (Surr)	Ave	1.119	1.082		4.84	5.00	-3.3	
Trifluorotoluene (Surr)	Ave	0.8652	0.8943		51.7	50.0	3.4	
Toluene-d8 (Surr)	Ave	0.9579	1.082		5.66	5.01	13.0	
Ethylbenzene-d10	Ave	0.2941	0.4156		7.07	5.00	41.3	
4-Bromofluorobenzene (Surr)	Ave	0.8359	0.8708		5.22	5.01	4.2	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82341/4-A

Matrix: Solid (TCLP) | Lab File ID: G3014019.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 03/22/2011 13:06

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82736 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		100	15
75-35-4	1,1-Dichloroethene	ND		100	15
78-93-3	2-Butanone	510	J	1000	150
67-66-3	Chloroform	ND		100	15
56-23-5	Carbon tetrachloride	ND		100	15
71-43-2	Benzene	ND		100	15
107-06-2	1,2-Dichloroethane	ND		100	15
79-01-6	Trichloroethene	ND		100	15
127-18-4	Tetrachloroethene	ND		100	15
108-90-7	Chlorobenzene	ND		100	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	96		85-120
25837-05-2	Ethylbenzene-d10	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120
98-08-8	Trifluorotoluene (Surr)	110		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82736/28 ^P

Matrix: Water | Lab File ID: G3014020.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 03/22/2011 13:30

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82736 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	2050		100	15
75-35-4	1,1-Dichloroethene	2070		100	15
78-93-3	2-Butanone	3360		1000	150
67-66-3	Chloroform	2040		100	15
56-23-5	Carbon tetrachloride	2100		100	15
71-43-2	Benzene	2060		100	15
107-06-2	1,2-Dichloroethane	2110		100	15
79-01-6	Trichloroethene	2400		100	15
127-18-4	Tetrachloroethene	2270		100	15
108-90-7	Chlorobenzene	1910		100	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	106		85-120
25837-05-2	Ethylbenzene-d10	122	X	80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		75-120
98-08-8	Trifluorotoluene (Surr)	115		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-GW MS | Lab Sample ID: 580-24977-2 MS

Matrix: Water (TCLP) | Lab File ID: G3014024.D

Analysis Method: 8260B | Date Collected: 03/13/2011 15:30

Sample wt/vol: 10(mL) | Date Analyzed: 03/22/2011 15:06

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82736 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	2040		100	15
75-35-4	1,1-Dichloroethene	2120		100	15
78-93-3	2-Butanone	3310		1000	150
67-66-3	Chloroform	2050		100	15
56-23-5	Carbon tetrachloride	2100		100	15
71-43-2	Benzene	2070		100	15
107-06-2	1,2-Dichloroethane	2150		100	15
79-01-6	Trichloroethene	2440		100	15
127-18-4	Tetrachloroethene	2790		100	15
108-90-7	Chlorobenzene	1880		100	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	95		80-120
2037-26-5	Toluene-d8 (Surr)	106		85-120
25837-05-2	Ethylbenzene-d10	121	X	80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		75-120
98-08-8	Trifluorotoluene (Surr)	117		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-GW MSD | Lab Sample ID: 580-24977-2 MSD

Matrix: Water (TCLP) | Lab File ID: G3014025.D

Analysis Method: 8260B | Date Collected: 03/13/2011 15:30

Sample wt/vol: 10(mL) | Date Analyzed: 03/22/2011 15:31

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 82736 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	2100		100	15
75-35-4	1,1-Dichloroethene	2130		100	15
78-93-3	2-Butanone	3400		1000	150
67-66-3	Chloroform	2020		100	15
56-23-5	Carbon tetrachloride	2100		100	15
71-43-2	Benzene	2070		100	15
107-06-2	1,2-Dichloroethane	2150		100	15
79-01-6	Trichloroethene	2420		100	15
127-18-4	Tetrachloroethene	3020		100	15
108-90-7	Chlorobenzene	1930		100	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	93		80-120
2037-26-5	Toluene-d8 (Surr)	105		85-120
25837-05-2	Ethylbenzene-d10	122	X	80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		75-120
98-08-8	Trifluorotoluene (Surr)	116		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC001 Start Date: 02/10/2011 09:38

Analysis Batch Number: 80547 End Date: 02/10/2011 19:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/10/2011 09:38	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 10:02	1		ZB-624short 0.18(mm)
BFB 580-80547/3		02/10/2011 10:28	1	G3013571.D	ZB-624short 0.18(mm)
STD1 580-80547/4 IC		02/10/2011 10:53	1	G3013572.D	ZB-624short 0.18(mm)
STD2 580-80547/5 IC		02/10/2011 11:17	1	G3013573.D	ZB-624short 0.18(mm)
STD5 580-80547/6 IC		02/10/2011 11:45	1	G3013574.D	ZB-624short 0.18(mm)
STD10 580-80547/7 IC		02/10/2011 12:09	1	G3013575.D	ZB-624short 0.18(mm)
STD20 580-80547/8 IC		02/10/2011 12:33	1	G3013576.D	ZB-624short 0.18(mm)
STD50 580-80547/9 ICIS		02/10/2011 12:57	1	G3013577.D	ZB-624short 0.18(mm)
STD100 580-80547/10 IC		02/10/2011 13:21	1	G3013578.D	ZB-624short 0.18(mm)
STD150 580-80547/11 IC		02/10/2011 13:46	1	G3013579.D	ZB-624short 0.18(mm)
STD200 580-80547/12 IC		02/10/2011 14:10	1	G3013580.D	ZB-624short 0.18(mm)
RB 580-80547/13 PIBLK		02/10/2011 14:34	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 14:58	1		ZB-624short 0.18(mm)
ICV 580-80547/15		02/10/2011 15:22	1	G3013583.D	ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 15:47	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 16:11	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 16:34	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 17:22	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 17:46	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 18:34	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 18:58	10		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 19:22	1		ZB-624short 0.18(mm)
ZZZZZ		02/10/2011 19:45	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC001 Start Date: 03/22/2011 10:35

Analysis Batch Number: 82736 End Date: 03/23/2011 00:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-82736/1		03/22/2011 10:35	1	G3014013.D	ZB-624short 0.18(mm)
CCVIS 580-82736/2		03/22/2011 11:06	1	G3014014.D	ZB-624short 0.18(mm)
MB 580-82341/4-A		03/22/2011 13:06	100	G3014019.D	ZB-624short 0.18(mm)
LCS 580-82736/28 ^P		03/22/2011 13:30	100	G3014020.D	ZB-624short 0.18(mm)
ZZZZZ		03/22/2011 13:54	100		ZB-624short 0.18(mm)
580-24977-1	YK-IDW-Soil	03/22/2011 14:18	100	G3014022.D	ZB-624short 0.18(mm)
580-24977-2	YK-IDW-GW	03/22/2011 14:42	100	G3014023.D	ZB-624short 0.18(mm)
580-24977-2 MS	YK-IDW-GW MS	03/22/2011 15:06	100	G3014024.D	ZB-624short 0.18(mm)
580-24977-2 MSD	YK-IDW-GW MSD	03/22/2011 15:31	100	G3014025.D	ZB-624short 0.18(mm)
ZZZZZ		03/22/2011 23:52	1		ZB-624short 0.18(mm)
ZZZZZ		03/23/2011 00:16	1		ZB-624short 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82341 Batch Start Date: 03/15/11 20:30 Batch Analyst: Boardway, Peter A

Batch Method: 1311 Batch End Date: 03/16/11 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	VesselNumber	LeachatepH
580-24977-A-1	YK-IDW-Soil	1311, 8260B	P	25.25 g	500 mL	8.45	<2.0	13	5.01
580-24977-A-2	YK-IDW-GW	1311, 8260B	P	... g	... mL	5.80	<2.0	14	5.80
MB 580-82341/4		1311, 8260B		25.0 g	500 mL	4.93	...	11	4.93

Lab Sample ID	Client Sample ID	Method Chain	Basis	ComboInitAqLeach	AnalysisComment				
580-24977-A-1	YK-IDW-Soil	1311, 8260B	P	psi 40+ mL					
580-24977-A-2	YK-IDW-GW	1311, 8260B	P	... mL	water not tumbled				
MB 580-82341/4		1311, 8260B		psi 40+ mL					

Batch Notes	
Balance ID	SEA212
Room Temperature during Rotation	22.6 Celsius
Room Temperature Thermometer ID	15-041-1A-A
TCLP Fluid 1 ID	654375
Temperature	22.6 Celsius
ID number of the thermometer	05117058
Tumbler Rotations per Minute	30
Uncorrected Final Room Temperature	22.6 Celsius
Uncorrected Initial Room Temperature	22.0 Celsius
Uncorrected Room Temperature	22.6 Celsius
Uncorrected Temperature	22.6 Celsius

Basis	Basis Description
P	TCLP

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Solid (TCLP) Level: Low

GC Column (1): ZB-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
YK-IDW-Soil	580-24977-1	94	101	87	88	94	88
	LCS 580-82655/2-A	93	82	93	93	107	84
YK-IDW-GW MS	580-24977-2 MS	101	95	91	89	99	79

	QC LIMITS
2FP = 2-Fluorophenol	44-148
PHL = Phenol-d5	33-147
NBZ = Nitrobenzene-d5	49-154
FBP = 2-Fluorobiphenyl	44-157
TBP = 2,4,6-Tribromophenol	47-158
TPH = Terphenyl-d14	27-177

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water (TCLP) Level: Low

GC Column (1): ZB-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
YK-IDW-GW	580-24977-2	83	83	90	86	91	89
	MB 580-82340/15-F	85	78	85	88	99	90

	QC LIMITS
2FP = 2-Fluorophenol	44-148
PHL = Phenol-d5	33-147
NBZ = Nitrobenzene-d5	49-154
FBP = 2-Fluorobiphenyl	44-157
TBP = 2,4,6-Tribromophenol	47-158
TPH = Terphenyl-d14	27-177

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water Level: Low Lab File ID: AT158869.D

Lab ID: LCS 580-82655/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	50.1	46.8	93	34-160	
2,4-Dinitrotoluene	50.1	57.9	116	42-138	
Pentachlorophenol	49.2	46.2	94	23-166	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Solid (TCLP) Level: Low Lab File ID: AT158872.D

Lab ID: 580-24977-2 MS Client ID: YK-IDW-GW MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,4-Dichlorobenzene	58.9	ND	53.3	90	34-160	
2,4-Dinitrotoluene	58.9	ND	68.2	116	42-138	
Pentachlorophenol	57.9	ND	46.8	81	23-166	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab File ID: AT158868.D Lab Sample ID: MB 580-82340/15-F

Matrix: Water (TCLP) Date Extracted: 03/21/2011 15:15

Instrument ID: TAC002 Date Analyzed: 03/23/2011 14:46

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-82655/2-A	AT158869.D	03/23/2011 15:07
YK-IDW-Soil	580-24977-1	AT158870.D	03/23/2011 15:29
YK-IDW-GW	580-24977-2	AT158871.D	03/23/2011 15:50
YK-IDW-GW MS	580-24977-2 MS	AT158872.D	03/23/2011 16:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab File ID: AT158407.D DFTPP Injection Date: 02/01/2011

Instrument ID: TAC002 DFTPP Injection Time: 15:22

Analysis Batch No.: 80088

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	13.6	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	19.2	
70	Less than 2.0 % of mass 69	0.1	(0.4)1
127	10.0 - 80.0 % of mass 198	37.4	
197	Less than 2.0 % of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.7	
275	10.0 - 60.0 % of mass 198	31.1	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	33.6	
442	Greater than 50.0 % of mass 198	194.4	
443	15.0 - 24.0 % of mass 442	39.4	(20.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 580-80088/3	AT158409.D	02/01/2011	16:14
	IC 580-80088/4	AT158410.D	02/01/2011	16:36
	IC 580-80088/5	AT158411.D	02/01/2011	16:57
	IC 580-80088/6	AT158412.D	02/01/2011	17:18
	IC 580-80088/7	AT158413.D	02/01/2011	17:39
	ICIS 580-80088/8	AT158414.D	02/01/2011	18:01
	IC 580-80088/9	AT158415.D	02/01/2011	18:22
	IC 580-80088/10	AT158416.D	02/01/2011	18:43
	ICV 580-80088/11	AT158417.D	02/01/2011	19:04

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab File ID: AT158864.D DFTPP Injection Date: 03/23/2011

Instrument ID: TAC002 DFTPP Injection Time: 13:08

Analysis Batch No.: 82791

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	10.0 - 80.0 % of mass 198	12.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	18.2	
70	Less than 2.0 % of mass 69	0.0	(0.2)1
127	10.0 - 80.0 % of mass 198	36.4	
197	Less than 2.0 % of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0 % of mass 198	6.8	
275	10.0 - 60.0 % of mass 198	32.0	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	34.6	
442	Greater than 50.0 % of mass 198	200.1	
443	15.0 - 24.0 % of mass 442	41.4	(20.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-82791/4	AT158865.D	03/23/2011	13:24
	MB 580-82340/15-F	AT158868.D	03/23/2011	14:46
	LCS 580-82655/2-A	AT158869.D	03/23/2011	15:07
YK-IDW-Soil	580-24977-1	AT158870.D	03/23/2011	15:29
YK-IDW-GW	580-24977-2	AT158871.D	03/23/2011	15:50
YK-IDW-GW MS	580-24977-2 MS	AT158872.D	03/23/2011	16:11

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: ICIS 580-80088/8 Date Analyzed: 02/01/2011 18:01

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): AT158414.D Heated Purge: (Y/N) N

Calibration ID: 7280

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		672563	3.92	2669477	4.90	1600887	6.33
UPPER LIMIT		1345126	4.42	5338954	5.40	3201774	6.83
LOWER LIMIT		336282	3.42	1334739	4.40	800444	5.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-80088/11		753967	3.92	2899887	4.90	1769307	6.33

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: ICIS 580-80088/8 Date Analyzed: 02/01/2011 18:01

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): AT158414.D Heated Purge: (Y/N) N

Calibration ID: 7280

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2589888	7.56	2857370	9.79	2514621	11.31
UPPER LIMIT		5179776	8.06	5714740	10.29	5029242	11.81
LOWER LIMIT		1294944	7.06	1428685	9.29	1257311	10.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-80088/11		2939940	7.56	2894024	9.79	2243900	11.31

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: CCVIS 580-82791/4 Date Analyzed: 03/23/2011 13:24

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): AT158865.D Heated Purge: (Y/N) N

Calibration ID: 7280

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		608231	3.73	2545297	4.72	1610716	6.14
UPPER LIMIT		1216462	4.23	5090594	5.22	3221432	6.64
LOWER LIMIT		304116	3.23	1272649	4.22	805358	5.64
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82340/15-F		503210	3.73	1863179	4.71	1150216	6.14
LCS 580-82655/2-A		484120	3.73	1960091	4.71	1213957	6.14
580-24977-1	YK-IDW-Soil	474437	3.73	1973630	4.71	1245511	6.14
580-24977-2	YK-IDW-GW	515350	3.73	2010468	4.71	1289093	6.14
580-24977-2 MS	YK-IDW-GW MS	468032	3.73	2015065	4.71	1277639	6.14

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: CCVIS 580-82791/4 Date Analyzed: 03/23/2011 13:24

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): AT158865.D Heated Purge: (Y/N) N

Calibration ID: 7280

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2601901	7.37	2877817	9.58	2529134	11.05
UPPER LIMIT		5203802	7.87	5755634	10.08	5058268	11.55
LOWER LIMIT		1300951	6.87	1438909	9.08	1264567	10.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-82340/15-F		1959874	7.36	1924645	9.57	1701978	11.05
LCS 580-82655/2-A		2013537	7.37	2131025	9.57	1848869	11.05
580-24977-1	YK-IDW-Soil	2023889	7.37	1900554	9.57	1758627	11.05
580-24977-2	YK-IDW-GW	2112422	7.37	2066376	9.57	1875861	11.05
580-24977-2 MS	YK-IDW-GW MS	2103588	7.37	2231596	9.57	2002568	11.05

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-Soil | Lab Sample ID: 580-24977-1

Matrix: Solid (TCLP) | Lab File ID: AT158870.D

Analysis Method: 8270C | Date Collected: 03/13/2011 08:13

Extract. Method: 3510C | Date Extracted: 03/21/2011 15:15

Sample wt/vol: 200(mL) | Date Analyzed: 03/23/2011 15:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82791 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	ND		10	2.5
95-48-7	2-Methylphenol	ND		10	2.5
15831-10-4	3 & 4 Methylphenol	ND		20	2.5
67-72-1	Hexachloroethane	ND		15	2.5
98-95-3	Nitrobenzene	ND		10	2.5
87-68-3	Hexachlorobutadiene	ND		15	2.5
88-06-2	2,4,6-Trichlorophenol	ND		15	2.5
95-95-4	2,4,5-Trichlorophenol	ND		10	2.5
121-14-2	2,4-Dinitrotoluene	ND		10	2.5
118-74-1	Hexachlorobenzene	ND		10	2.5
87-86-5	Pentachlorophenol	ND		18	2.5
110-86-1	Pyridine	ND		50	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	94		44-148
4165-62-2	Phenol-d5	101		33-147
4165-60-0	Nitrobenzene-d5	87		49-154
321-60-8	2-Fluorobiphenyl	88		44-157
118-79-6	2,4,6-Tribromophenol	94		47-158
1718-51-0	Terphenyl-d14	88		27-177

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-GW | Lab Sample ID: 580-24977-2

Matrix: Water (TCLP) | Lab File ID: AT158871.D

Analysis Method: 8270C | Date Collected: 03/13/2011 15:30

Extract. Method: 3520C | Date Extracted: 03/21/2011 15:15

Sample wt/vol: 200(mL) | Date Analyzed: 03/23/2011 15:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82791 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	ND		10	2.5
95-48-7	2-Methylphenol	ND		10	2.5
15831-10-4	3 & 4 Methylphenol	ND		20	2.5
67-72-1	Hexachloroethane	ND		15	2.5
98-95-3	Nitrobenzene	ND		10	2.5
87-68-3	Hexachlorobutadiene	ND		15	2.5
88-06-2	2,4,6-Trichlorophenol	ND		15	2.5
95-95-4	2,4,5-Trichlorophenol	ND		10	2.5
121-14-2	2,4-Dinitrotoluene	ND		10	2.5
118-74-1	Hexachlorobenzene	ND		10	2.5
87-86-5	Pentachlorophenol	ND		18	2.5
110-86-1	Pyridine	ND		50	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	83		44-148
4165-62-2	Phenol-d5	83		33-147
4165-60-0	Nitrobenzene-d5	90		49-154
321-60-8	2-Fluorobiphenyl	86		44-157
118-79-6	2,4,6-Tribromophenol	91		47-158
1718-51-0	Terphenyl-d14	89		27-177

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-80088/3	AT158409.D
Level 2	IC 580-80088/4	AT158410.D
Level 3	IC 580-80088/5	AT158411.D
Level 4	IC 580-80088/6	AT158412.D
Level 5	IC 580-80088/7	AT158413.D
Level 6	ICIS 580-80088/8	AT158414.D
Level 7	IC 580-80088/9	AT158415.D
Level 8	IC 580-80088/10	AT158416.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	+++++ 0.1836	0.1584 0.1806	0.1717 0.1726	0.1864	0.1706	Ave		0.1748				5.4		15.0			
Pyridine	+++++ 0.4024	0.2903 0.3854	0.3235 0.3610	0.3598	0.3638	Ave		0.3552				11.0		15.0			
Cyclohexanone	0.7407 0.5639	0.5243 0.5463	0.5671 0.5306	0.5371	0.5610	Ave		0.5714				12.0		15.0			
Phenol	1.3606 1.5034	1.4028 1.5145	1.4475 1.3967	1.3853	1.3286	Ave		1.4174				4.7		15.0			
Aniline	1.0845 1.2640	1.1973 1.1941	1.1664 0.9212	1.2605	1.2424	Ave		1.1663				9.9		15.0			
Bis(2-chloroethyl)ether	1.1157 1.3386	1.1998 1.3207	1.1907 1.4425	1.2207	1.2345	Ave		1.2579				8.2		15.0			
n-Decane	0.8067 0.9318	0.8959 0.8789	0.9013 0.8481	0.8632	0.8319	Ave		0.8697				4.7		15.0			
2-Chlorophenol	1.2983 1.3744	1.1808 1.3793	1.3780 1.3084	1.3796	1.2289	Ave		1.3160				5.9		15.0			
1,3-Dichlorobenzene	1.6400 1.6853	1.4543 1.5917	1.6950 1.4800	1.6726	1.5681	Ave		1.5984				5.8		15.0			
1,4-Dichlorobenzene	1.8832 1.7097	1.6705 1.6846	1.7010 1.5703	1.6673	1.5729	Ave		1.6825				5.8		15.0			
Benzyl alcohol	0.7799 0.7943	0.6592 0.7971	0.6810 0.8020	0.7590	0.7265	Ave		0.7499				7.4		15.0			
1,2-Dichlorobenzene	1.7173 1.6074	1.5617 1.5482	1.6166 1.4992	1.6333	1.4886	Ave		1.5841				4.8		15.0			
2-Methylphenol	1.4003 1.2024	1.1401 1.1585	1.1127 1.1126	1.0396	1.0643	Ave		1.1538				9.7		15.0			
bis(chloroisopropyl) ether	1.0884 0.9281	0.7685 0.8805	0.9892 0.8430	0.9381	0.8807	Ave		0.9145				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodi-n-propylamine	0.6605 0.6549	0.5765 0.6482	0.6424 0.6182	0.6310	0.6246	Ave		0.6320			0.0500	4.2		15.0			
Acetophenone	1.7129 1.6442	1.3942 1.5490	1.5843 1.5110	1.5708	1.4915	Ave		1.5572				6.2		15.0			
3 & 4 Methylphenol	1.0831 1.2252	0.9990 1.1945	1.0883 1.1537	1.1564	1.1156	Ave		1.1270				6.3		15.0			
Hexachloroethane	0.5505 0.5269	0.5271 0.5211	0.4462 0.5083	0.5232	0.4988	Ave		0.5127				6.0		15.0			
Nitrobenzene	0.2889 0.2466	0.2456 0.2540	0.2534 0.2451	0.2460	0.2515	Ave		0.2539				5.7		15.0			
Isophorone	0.5207 0.4743	0.4889 0.4916	0.4645 0.4708	0.4509	0.4718	Ave		0.4792				4.4		15.0			
2-Nitrophenol	+++++ 0.2272	0.1732 0.2499	0.1857 0.2400	0.2078	0.1978	Ave		0.2116				13.0		15.0			
2,4-Dimethylphenol	0.2708 0.2840	0.2833 0.2862	0.2601 0.2847	0.2858	0.2879	Ave		0.2804				3.5		15.0			
Benzoic acid	+++++ 0.1261	0.0305 0.1460	0.0474 0.1610	0.0945	0.1148	Qua2	-24.49	0.1174	0						0.9910		0.9900
Bis(2-chloroethoxy)methane	0.3518 0.3417	0.3484 0.3537	0.3546 0.3349	0.3313	0.3476	Ave		0.3455				2.5		15.0			
2,4-Dichlorophenol	0.2313 0.3082	0.2730 0.3174	0.2857 0.3124	0.3014	0.3055	Ave		0.2918				9.8		15.0			
1,2,4-Trichlorobenzene	0.4241 0.3814	0.4031 0.3880	0.4017 0.3772	0.3944	0.3897	Ave		0.3950				3.8		15.0			
Naphthalene	1.1231 1.0656	1.1083 1.0379	1.1472 0.7695	1.1031	1.0904	Ave		1.0556				11.0		15.0			
4-Chloroaniline	0.3284 0.2946	0.3063 0.2643	0.3237 0.2002	0.3111	0.3093	Ave		0.2922				14.0		15.0			
Hexachlorobutadiene	0.2793 0.2188	0.2346 0.2242	0.2304 0.2171	0.2160	0.2211	Ave		0.2302				9.1		15.0			
4-Chloro-3-methylphenol	0.2134 0.2349	0.2082 0.2447	0.2370 0.2460	0.2337	0.2289	Ave		0.2309				5.9		15.0			
2-Methylnaphthalene	0.7532 0.7238	0.7186 0.7207	0.7330 0.6381	0.7097	0.7229	Ave		0.7150				4.7		15.0			
1-Methylnaphthalene	0.7306 0.7189	0.6846 0.7164	0.7094 0.6306	0.7333	0.7233	Ave		0.7059				4.8		15.0			
Hexachlorocyclopentadiene	0.1930 0.2879	0.1906 0.3223	0.2350 0.3350	0.2699	0.2936	Qua2	-1.925	0.2703	0		0.0500				0.9930		0.9900
2,3-Dichloroaniline	0.5830 0.6303	0.6220 0.6224	0.6028 0.5875	0.6136	0.6191	Ave		0.6101				2.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Trichlorophenol	0.3874 0.4029	0.3806 0.4150	0.3752 0.4070	0.3538	0.3820	Ave		0.3880				5.1		15.0			
2,4,5-Trichlorophenol	0.3449 0.4022	0.3673 0.4221	0.3953 0.4249	0.3687	0.3837	Ave		0.3886				7.2		15.0			
Biphenyl	1.5733 1.4718	1.4545 1.4581	1.5834 1.1280	1.4873	1.5256	Ave		1.4603				9.8		15.0			
2-Chloronaphthalene	1.0884 1.1978	1.2549 1.1923	1.1820 1.0388	1.1532	1.2269	Ave		1.1668				6.1		15.0			
2-Nitroaniline	0.1379 0.1508	0.1614 0.1623	0.1336 0.1656	0.1318	0.1430	Ave		0.1483				9.2		15.0			
Dimethyl phthalate	1.1642 1.2032	1.1338 1.1765	1.1670 1.0372	1.1689	1.2226	Ave		1.1592				4.8		15.0			
2,6-Dinitrotoluene	0.2865 0.2969	0.2275 0.3102	0.2512 0.3176	0.2532	0.2754	Ave		0.2773				11.0		15.0			
Acenaphthylene	1.5044 1.7448	1.5729 1.7018	1.6409 1.2417	1.6181	1.7229	Ave		1.5934				10.0		15.0			
3-Nitroaniline	+++++ 0.2031	0.1891 0.1493	0.1971 +++++	0.2010	0.2034	Ave		0.1905				11.0		15.0			
Acenaphthene	1.1958 1.1954	1.3486 1.1813	1.2180 1.0443	1.1981	1.1980	Ave		1.1975				6.8		15.0			
2,4-Dinitrophenol	+++++ 0.1146	0.0335 0.1477	0.0501 0.1728	0.0744	0.0863	Qua1	-28.70	0.1130	0		0.0500				0.9970		0.9900
2,4-Dinitrotoluene	0.2800 0.3494	0.2180 0.3740	0.2807 0.4110	0.2900	0.2993	Lin1	-6.973	0.3901							0.9930		0.9900
4-Nitrophenol	0.0319 0.0794	0.0528 0.0898	0.0573 0.0916	0.0652	0.0664	Lin1	-9.946	0.0889			0.0500				0.9940		0.9900
Dibenzofuran	1.6271 1.6604	1.6397 1.6040	1.6453 1.2005	1.6513	1.6432	Ave		1.5839				9.8		15.0			
2,3,5,6-Tetrachlorophenol	+++++ 0.3566	0.2691 0.3641	0.3074 0.3757	0.3129	0.3205	Ave		0.3295				11.0		15.0			
2,3,4,6-Tetrachlorophenol	+++++ 0.3664	0.2634 0.3757	0.3185 0.3835	0.3239	0.3461	Ave		0.3396				12.0		15.0			
Diethyl phthalate	2.6805 1.1813	1.7868 1.1250	1.3004 1.0281	1.2389	1.1692	Lin1	34.145	1.0602							0.9980		0.9900
4-Chlorophenyl phenyl ether	0.6796 0.6982	0.6890 0.6969	0.7354 0.6855	0.7087	0.6989	Ave		0.6990				2.5		15.0			
Fluorene	1.2658 1.3161	1.1980 1.3139	1.2849 1.1020	1.2509	1.3229	Ave		1.2568				6.0		15.0			
4-Nitroaniline	0.1281 0.2134	0.1932 0.1794	0.1741 0.1674	0.1840	0.1851	Lin2	-1.055	0.1898							0.9900		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	+++++ 0.1246	0.0486 0.1438	0.0606 0.1372	0.0818	0.0995	Lin1	-34.91	0.1381							0.9950		0.9900
N-Nitrosodiphenylamine	0.6770 0.6808	0.6227 0.6689	0.6621 0.5773	0.6381	0.7074	Ave		0.6543				6.2		15.0			
Azobenzene	0.5046 0.4920	0.4592 0.4807	0.4450 0.4438	0.4666	0.4937	Ave		0.4732				4.9		15.0			
4-Bromophenyl phenyl ether	0.3156 0.2878	0.2697 0.2984	0.3027 0.2816	0.2811	0.3073	Ave		0.2930				5.3		15.0			
Hexachlorobenzene	0.3347 0.3597	0.4014 0.3586	0.3689 0.3355	0.3358	0.3790	Ave		0.3592				6.6		15.0			
Pentachlorophenol	+++++ 0.1595	+++++ 0.1780	0.0894 0.1879	0.1258	0.1390	Lin1	-12.52	0.1856							0.9970		0.9900
Octadecane	0.2455 0.1443	0.2099 0.1458	0.1662 0.1412	0.1398	0.1541	Lin1	2.3708	0.1420							0.9990		0.9900
Phenanthrene	1.3252 1.1862	1.1788 1.1463	1.2057 0.7678	1.1556	1.2012	Ave		1.1458				14.0		15.0			
Anthracene	0.9939 1.1427	1.0502 1.1247	1.0898 0.7686	1.0689	1.1248	Ave		1.0455				12.0		15.0			
Carbazole	0.8088 0.9612	0.8703 0.8731	0.9085 0.6098	0.9248	0.8936	Ave		0.8563				13.0		15.0			
Di-n-butyl phthalate	1.6389 1.3217	1.4226 1.2883	1.2072 +++++	1.2183	1.3145	Ave		1.3445				11.0		15.0			
Fluoranthene	1.1589 1.3091	1.2544 1.2626	1.2627 0.8131	1.2475	1.2357	Ave		1.1930				13.0		15.0			
Benzidine	0.1291 0.1690	0.2144 +++++	0.2427 +++++	0.1416	0.1457	Qua	10.209	0.1128	0						0.9960		0.9900
Pyrene	1.2136 1.4052	1.3435 1.3446	1.3531 0.8509	1.3127	1.3299	Ave		1.2692				14.0		15.0			
Butyl benzyl phthalate	+++++ 0.5059	0.5391 0.5555	0.5235 0.4841	0.4856	0.5849	Ave		0.5255				7.1		15.0			
3,3'-Dichlorobenzidine	0.3797 0.3370	0.2685 0.2720	0.3226 +++++	0.3153	0.3400	Ave		0.3193				12.0		15.0			
Bis(2-ethylhexyl) phthalate	+++++ 0.7383	0.8031 0.7926	0.7637 0.6433	0.6920	0.8541	Ave		0.7553				9.4		15.0			
Benzo[a]anthracene	1.1263 1.0861	1.0847 1.1268	1.1099 0.8048	1.0715	1.1290	Ave		1.0674				10.0		15.0			
Chrysene	0.9986 1.0665	1.1398 1.0594	1.1302 0.7979	1.1021	1.1199	Ave		1.0518				11.0		15.0			
Di-n-octyl phthalate	+++++ 1.2681	1.1876 1.4510	1.1666 1.0114	1.1257	1.4210	Ave		1.2331				13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzo[b]fluoranthene	1.1537 1.1302	1.1201 1.1711	1.0746 1.0070	1.1430	1.1481	Ave		1.1185				4.8		15.0			
Benzofluoranthene	1.1619 1.1779	1.1365 1.1913	1.1067 0.9824	1.1560	1.1710	Ave		1.1355				5.9		15.0			
Benzo[k]fluoranthene	1.2117 1.2224	1.1516 1.2275	1.1473 0.9550	1.1779	1.2002	Ave		1.1617				7.7		15.0			
Benzo[a]pyrene	0.9230 1.0671	0.9265 1.0800	0.9349 0.9882	0.9906	1.0468	Ave		0.9946				6.4		15.0			
Indeno[1,2,3-cd]pyrene	0.7430 1.2416	1.0934 1.1712	1.0365 1.1580	1.0756	1.1268	Ave		1.0808				14.0		15.0			
Dibenz(a,h)anthracene	0.7628 1.0145	0.8044 0.9772	0.8691 0.9605	0.8742	0.9467	Ave		0.9012				9.8		15.0			
Benzo[g,h,i]perylene	1.0030 1.0714	0.9773 0.9953	0.9709 0.9760	0.9686	1.0045	Ave		0.9959				3.4		15.0			
2-Fluorophenol	1.0612 1.1620	1.0354 1.1758	1.1204 1.1505	1.1417	1.0853	Ave		1.1165				4.5		15.0			
Phenol-d5	1.2176 1.4692	1.2252 1.4243	1.3797 1.4073	1.3679	1.3187	Ave		1.3512				6.8		15.0			
Nitrobenzene-d5	0.3199 0.2586	0.2348 0.2641	0.2541 0.2616	0.2740	0.2608	Ave		0.2660				9.2		15.0			
2-Fluorobiphenyl	1.6029 1.4769	1.5087 1.4291	1.5345 1.1122	1.4426	1.5085	Ave		1.4519				10.0		15.0			
2,4,6-Tribromophenol	+++++ 0.1890	0.1588 0.1887	0.1694 0.1925	0.1679	0.1639	Ave		0.1757				7.9		15.0			
Terphenyl-d14	1.6078 1.1319	1.3155 1.1709	1.2104 0.7064	1.1655	1.3507	Qua2	6.3128	1.2429	0						0.9910		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-80088/3	AT158409.D
Level 2	IC 580-80088/4	AT158410.D
Level 3	IC 580-80088/5	AT158411.D
Level 4	IC 580-80088/6	AT158412.D
Level 5	IC 580-80088/7	AT158413.D
Level 6	ICIS 580-80088/8	AT158414.D
Level 7	IC 580-80088/9	AT158415.D
Level 8	IC 580-80088/10	AT158416.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	+++++ 600358	27583 1209074	56612 2731788	124915	303982	+++++ 5000	250 10000	500 25000	1000	2500
Pyridine	DCB	Ave	+++++ 1315725	50539 2580795	106662 5713761	241130	648310	+++++ 5000	250 10000	500 25000	1000	2500
Cyclohexanone	DCB	Ave	9988 368718	18256 731647	37393 1679375	71996	199955	20.0 1000	50.0 2000	100 5000	200	500
Phenol	DCB	Ave	18346 983143	48843 2028448	95439 4420831	185683	473543	20.0 1000	50.0 2000	100 5000	200	500
Aniline	DCB	Ave	14623 826548	41689 1599240	76902 2915557	168948	442803	20.0 1000	50.0 2000	100 5000	200	500
Bis(2-chloroethyl)ether	DCB	Ave	15044 875315	41774 1768796	78507 4565729	163618	440003	20.0 1000	50.0 2000	100 5000	200	500
n-Decane	DCB	Ave	10878 609344	31194 1177179	59426 2684352	115703	296491	20.0 1000	50.0 2000	100 5000	200	500
2-Chlorophenol	DCB	Ave	17507 898743	41113 1847319	90858 4141074	184913	438002	20.0 1000	50.0 2000	100 5000	200	500
1,3-Dichlorobenzene	DCB	Ave	22114 1102081	50635 2131799	111756 4684469	224196	558909	20.0 1000	50.0 2000	100 5000	200	500
1,4-Dichlorobenzene	DCB	Ave	25394 1118031	58164 2256240	112153 4970266	223477	560600	20.0 1000	50.0 2000	100 5000	200	500
Benzyl alcohol	DCB	Ave	10516 519387	22952 1067534	44897 2538430	101733	258954	20.0 1000	50.0 2000	100 5000	200	500
1,2-Dichlorobenzene	DCB	Ave	23157 1051115	54377 2073520	106589 4745249	218920	530564	20.0 1000	50.0 2000	100 5000	200	500
2-Methylphenol	DCB	Ave	18882 786262	39697 1551619	73361 3521372	139348	379352	20.0 1000	50.0 2000	100 5000	200	500
bis(chloroisopropyl) ether	DCB	Ave	14676 606877	26758 1179244	65222 2668279	125733	313887	20.0 1000	50.0 2000	100 5000	200	500
N-Nitrosodi-n-propylamine	DCB	Ave	8906 428282	20071 868176	42352 1956738	84572	222625	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Acetophenone	DCB	Ave	23097 1075186	48545 2074523	104458 4782607	210539	531599	20.0 1000	50.0 2000	100 5000	200	500
3 & 4 Methylphenol	DCB	Ave	14605 801171	34783 1599765	71753 3651646	155004	397626	20.0 1000	50.0 2000	100 5000	200	500
Hexachloroethane	DCB	Ave	7423 344521	18351 697853	29419 1608742	70129	177773	20.0 1000	50.0 2000	100 5000	200	500
Nitrobenzene	NPT	Ave	14611 634140	31690 1275038	65051 2925443	125814	326782	20.0 1000	50.0 2000	100 5000	200	500
Isophorone	NPT	Ave	26338 1219751	63081 2467654	119245 5618944	230607	613163	20.0 1000	50.0 2000	100 5000	200	500
2-Nitrophenol	NPT	Ave	+++++ 584194	22344 1254134	47657 2864575	106287	257047	+++++ 1000	50.0 2000	100 5000	200	500
2,4-Dimethylphenol	NPT	Ave	13699 730478	36546 1436282	66774 3397620	146171	374168	20.0 1000	50.0 2000	100 5000	200	500
Benzoic acid	NPT	Qua2	+++++ 1621937	19644 3663356	60806 9605379	241549	745877	+++++ 5000	250 10000	500 25000	1000	2500
Bis(2-chloroethoxy)methane	NPT	Ave	17792 878809	44947 1775219	91036 3997027	169451	451787	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dichlorophenol	NPT	Ave	11697 792646	35221 1592864	73325 3727778	154132	397052	20.0 1000	50.0 2000	100 5000	200	500
1,2,4-Trichlorobenzene	NPT	Ave	21452 980818	52009 1947661	103125 4501855	201725	506436	20.0 1000	50.0 2000	100 5000	200	500
Naphthalene	NPT	Ave	56808 2740364	142991 5209319	294475 9183081	564117	1417002	20.0 1000	50.0 2000	100 5000	200	500
4-Chloroaniline	NPT	Ave	16610 757572	39517 1326459	83083 2388979	159077	401982	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorobutadiene	NPT	Ave	14125 562659	30267 1125358	59141 2591413	110490	287334	20.0 1000	50.0 2000	100 5000	200	500
4-Chloro-3-methylphenol	NPT	Ave	10794 604065	26868 1228160	60824 2935812	119517	297514	20.0 1000	50.0 2000	100 5000	200	500
2-Methylnaphthalene	NPT	Ave	38096 1861461	92717 3617401	188145 7615198	362965	939447	20.0 1000	50.0 2000	100 5000	200	500
1-Methylnaphthalene	NPT	Ave	36955 1848852	88325 3596019	182092 7525458	375037	940020	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorocyclopentadiene	ANT	Qua2	5539 435258	13952 959708	35232 2377772	83704	221557	20.0 1000	50.0 2000	100 5000	200	500
2,3-Dichloroaniline	ANT	Ave	16722 952399	45508 1852640	90342 4168553	190232	467007	20.0 1000	50.0 1999	100.0 4998	200	500
2,4,6-Trichlorophenol	ANT	Ave	11116 608998	27854 1235932	56257 2888768	109745	288277	20.0 1000	50.0 2000	100 5000	200	500
2,4,5-Trichlorophenol	ANT	Ave	9897 608061	26880 1256930	59272 3015756	114343	289539	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Biphenyl	ANT	Ave	45145 2224907	106456 4342170	237400 8006535	461282	1151331	20.0 1000	50.0 2000	100 5000	200	500
2-Chloronaphthalene	ANT	Ave	31232 1810768	91842 3550461	177216 7373634	357650	925858	20.0 1000	50.0 2000	100 5000	200	500
2-Nitroaniline	ANT	Ave	3956 228000	11812 483212	20038 1175329	40887	107910	20.0 1000	50.0 2000	100 5000	200	500
Dimethyl phthalate	ANT	Ave	33406 1818898	82979 3503583	174967 7362117	362537	922654	20.0 1000	50.0 2000	100 5000	200	500
2,6-Dinitrotoluene	ANT	Ave	8221 448884	16653 923848	37665 2254237	78516	207827	20.0 1000	50.0 2000	100 5000	200	500
Acenaphthylene	ANT	Ave	43169 2637549	115117 5067762	246033 8813736	501850	1300193	20.0 1000	50.0 2000	100 5000	200	500
3-Nitroaniline	ANT	Ave	+++++ 307023	13840 444577	29547 +++++	62343	153476	+++++ 1000	50.0 2000	100 +++++	200	500
Acenaphthene	ANT	Ave	34314 1807155	98701 3517866	182620 7412829	371583	904112	20.0 1000	50.0 2000	100 5000	200	500
2,4-Dinitrophenol	ANT	Qua1	+++++ 866387	12263 2199349	37594 6133883	115303	325591	+++++ 5000	250 10000	500 25000	1000	2500
2,4-Dinitrotoluene	ANT	Lin1	8033 528223	15952 1113689	42090 2917147	89954	225885	20.0 1000	50.0 2000	100 5000	200	500
4-Nitrophenol	ANT	Lin1	4572 600128	19340 1336822	42951 3251389	101170	250593	100 5000	250 10000	500 25000	1000	2500
Dibenzofuran	ANT	Ave	46688 2509978	120009 4776655	246694 8521256	512151	1240074	20.0 1000	50.0 2000	100 5000	200	500
2,3,5,6-Tetrachlorophenol	ANT	Ave	+++++ 539026	19698 1084216	46089 2666644	97039	241840	+++++ 1000	50.0 2000	100 5000	200	500
2,3,4,6-Tetrachlorophenol	ANT	Ave	+++++ 553881	19281 1118668	47758 2722240	100441	261182	+++++ 1000	50.0 2000	100 5000	200	500
Diethyl phthalate	ANT	Lin1	76914 1785703	130771 3350114	194979 7297373	384242	882378	20.0 1000	50.0 2000	100 5000	200	500
4-Chlorophenyl phenyl ether	ANT	Ave	19500 1055404	50426 2075273	110263 4865641	219808	527439	20.0 1000	50.0 2000	100 5000	200	500
Fluorene	ANT	Ave	36321 1989602	87678 3912692	192644 7822346	387947	998344	20.0 1000	50.0 2000	100 5000	200	500
4-Nitroaniline	ANT	Lin2	3675 322542	14143 534177	26098 1188008	57054	139691	20.0 1000	50.0 2000	100 5000	200	500
4,6-Dinitro-2-methylphenol	PHN	Lin1	+++++ 1511096	27798 3444172	70236 8209595	196844	564995	+++++ 5000	250 10000	500 25000	1000	2500
N-Nitrosodiphenylamine	PHN	Ave	26350 1650877	71273 3205076	153507 6907885	306921	803255	20.0 1000	50.0 2000	100 5000	200	500
Azobenzene	PHN	Ave	19638 1193132	52562 2303033	103160 5310509	224410	560535	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	12282 697887	30873 1429821	70183 3369036	135190	348905	20.0 1000	50.0 2000	100 5000	200	500
Hexachlorobenzene	PHN	Ave	13027 872209	45936 1718090	85525 4014711	161517	430322	20.0 1000	50.0 2000	100 5000	200	500
Pentachlorophenol	PHN	Lin1	+++++ 386669	+++++ 853031	20731 2247635	60493	157874	+++++ 1000	+++++ 2000	100 5000	200	500
Octadecane	PHN	Lin1	9549 349795	24009 698378	38514 1688714	67234	174926	20.0 1000	50.0 1999	100.0 4998	200	500
Phenanthrene	PHN	Ave	51576 2876502	134916 5492368	279520 9186679	555862	1363926	20.0 1000	50.0 2000	100 5000	200	500
Anthracene	PHN	Ave	38680 2771095	120202 5388831	252667 9196925	514157	1277127	20.0 1000	50.0 2000	100 5000	200	500
Carbazole	PHN	Ave	31477 2330849	99613 4183603	210627 7296715	444841	1014672	20.0 1000	50.0 2000	100 5000	200	500
Di-n-butyl phthalate	PHN	Ave	63783 3205011	162816 6172702	279870 +++++	586019	1492560	20.0 1000	50.0 2000	100 +++++	200	500
Fluoranthene	PHN	Ave	45104 3174504	143573 6049888	292739 9728984	600055	1403119	20.0 1000	50.0 2000	100 5000	200	500
Benzidine	PHN	Qua	10047 819718	49079 +++++	112549 +++++	136214	330860	40.0 2000	100 +++++	200 +++++	400	1000
Pyrene	PHN	Ave	47231 3407696	153763 6442864	313699 10181102	631427	1510048	20.0 1000	50.0 2000	100 5000	200	500
Butyl benzyl phthalate	CRY	Ave	+++++ 1328128	54432 2679348	114626 6348002	229890	564131	+++++ 1000	50.0 2000	100 5000	200	500
3,3'-Dichlorobenzidine	CRY	Ave	18587 1769412	54210 2623665	141280 +++++	298531	655799	40.0 2000	100 4000	200 +++++	400	1000
Bis(2-ethylhexyl) phthalate	CRY	Ave	+++++ 1938195	81080 3823145	167231 8435986	327601	823801	+++++ 1000	50.0 2000	100 5000	200	500
Benzo[a]anthracene	CRY	Ave	27565 2851132	109516 5435105	243022 10554689	507232	1088943	20.0 1000	50.0 2000	100 5000	200	500
Chrysene	CRY	Ave	24439 2799511	115075 5110085	247462 10463221	521732	1080149	20.0 1000	50.0 2000	100 5000	200	500
Di-n-octyl phthalate	PRY	Ave	+++++ 2940244	99853 5769161	226469 10930986	452229	1152321	+++++ 1000	50.0 2000	100 5000	200	500
Benzo[b]fluoranthene	PRY	Ave	21602 2620692	94180 4656295	208616 10883556	459179	931085	20.0 1000	50.0 2000	100 5000	200	500
Benzofluoranthene	PRY	Ave	43512 5462464	191110 9472787	429682 21234613	928778	1899246	40.0 2000	100 4000	200 10000	400	1000
Benzo[k]fluoranthene	PRY	Ave	22687 2834262	96823 4880464	222714 10321430	473191	973302	20.0 1000	50.0 2000	100 5000	200	500
Benzo[a]pyrene	PRY	Ave	17282 2474354	77902 4293950	181492 10680527	397945	848894	20.0 1000	50.0 2000	100 5000	200	500

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 80088

SDG No.:

Instrument ID: TAC002 GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/01/2011 16:14 Calibration End Date: 02/01/2011 18:43 Calibration ID: 7280

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Indeno[1,2,3-cd]pyrene	PRY	Ave	13911 2878835	91934 4656743	201220 12515858	432082	913796	20.0 1000	50.0 2000	100 5000	200	500
Dibenz(a,h)anthracene	PRY	Ave	14283 2352209	67635 3885471	168714 10381466	351185	767695	20.0 1000	50.0 2000	100 5000	200	500
Benzo[g,h,i]perylene	PRY	Ave	18780 2484227	82172 3957480	188478 10548384	389122	814567	20.0 1000	50.0 2000	100 5000	200	500
2-Fluorophenol	DCB	Ave	14195 753760	35762 1562107	73278 3612161	151809	383719	19.8 992	49.6 1984	99.2 4960	198	496
Phenol-d5	DCB	Ave	16065 940089	41742 1866512	89009 4358446	179401	459893	19.6 979	48.9 1957	97.9 4893	196	489
Nitrobenzene-d5	NPT	Ave	15920 654505	29816 1304155	64184 3071570	137881	333507	19.7 984	49.2 1968	98.4 4920	197	492
2-Fluorobiphenyl	ANT	Ave	45350 2201396	108876 4196282	226849 7784153	441161	1122478	19.7 986	49.3 1972	98.6 4930	197	493
2,4,6-Tribromophenol	PHN	Ave	+++++ 451420	17896 890249	38668 2268316	79542	183215	+++++ 985	49.2 1970	98.5 4924	197	492
Terphenyl-d14	CRY	Qua2	38170 2882129	128829 5478261	257073 8985321	535169	1263672	19.4 970	48.5 1940	97.0 4850	194	485

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-80088/11 | Calibration Date: 02/01/2011 19:04

Instrument ID: TAC002 | Calib Start Date: 02/01/2011 16:14

GC Column: ZB-5MS ID: 0.25(mm) | Calib End Date: 02/01/2011 18:43

Lab File ID: AT158417.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.1748	0.1641		4670	4970	-6.1	25.0
Pyridine	Ave	0.3552	0.3619		5170	5070	1.9	25.0
Cyclohexanone	Ave	0.5714	0.5187		907	1000	-9.2	25.0
Phenol	Ave	1.417	1.405		981	990	-0.8	25.0
Aniline	Ave	1.166	1.237		1060	1000	6.1	25.0
Bis(2-chloroethyl)ether	Ave	1.258	1.292		1030	1000	2.7	25.0
n-Decane	Ave	0.8697	0.8627		988	996	-0.8	25.0
2-Chlorophenol	Ave	1.316	1.319		983	981	0.2	25.0
1,3-Dichlorobenzene	Ave	1.598	1.547		975	1010	-3.2	25.0
1,4-Dichlorobenzene	Ave	1.682	1.623		964	999	-3.5	25.0
Benzyl alcohol	Ave	0.7499	0.7249		967	1000	-3.3	25.0
1,2-Dichlorobenzene	Ave	1.584	1.494		944	1000	-5.7	25.0
2-Methylphenol	Ave	1.154	1.102		956	1000	-4.5	25.0
bis(chloroisopropyl) ether	Ave	0.9145	0.9527		1040	999	4.2	25.0
N-Nitrosodi-n-propylamine	Ave	0.6320	0.6398	0.0500	1010	995	1.2	25.0
Acetophenone	Ave	1.557	1.539		991	1000	-1.2	25.0
3 & 4 Methylphenol	Ave	1.127	1.145		1020	1010	1.6	25.0
Hexachloroethane	Ave	0.5127	0.4904		956	1000	-4.4	25.0
Nitrobenzene	Ave	0.2539	0.2447		968	1000	-3.6	25.0
Isophorone	Ave	0.4792	0.4858		1010	1000	1.4	25.0
2-Nitrophenol	Ave	0.2116	0.2204		1030	987	4.1	25.0
2,4-Dimethylphenol	Ave	0.2804	0.2546		895	986	-9.2	25.0
Benzoic acid	Qua2		0.1027		4260	4980	-14.5	25.0
Bis(2-chloroethoxy)methane	Ave	0.3455	0.3719		1080	1000	7.6	25.0
2,4-Dichlorophenol	Ave	0.2918	0.2980		1010	989	2.1	25.0
1,2,4-Trichlorobenzene	Ave	0.3950	0.3669		929	1000	-7.1	25.0
Naphthalene	Ave	1.056	0.9898		938	1000	-6.2	25.0
4-Chloroaniline	Ave	0.2922	0.3335		1140	1000	14.1	25.0
Hexachlorobutadiene	Ave	0.2302	0.2140		935	1010	-7.0	25.0
4-Chloro-3-methylphenol	Ave	0.2309	0.2413		1030	984	4.5	25.0
2-Methylnaphthalene	Ave	0.7150	0.7030		988	1000	-1.7	25.0
1-Methylnaphthalene	Ave	0.7059	0.6684		952	1000	-5.3	25.0
Hexachlorocyclopentadiene	Qua2		0.2479	0.0500	885	1000	-12.0	25.0
2,3-Dichloroaniline	Ave	0.6101	0.5903		977	1010	-3.2	25.0
2,4,6-Trichlorophenol	Ave	0.3880	0.4039		1020	982	4.1	25.0
2,4,5-Trichlorophenol	Ave	0.3886	0.4052		1030	992	4.3	25.0
Biphenyl	Ave	1.460	1.471		1020	1010	0.7	25.0
2-Chloronaphthalene	Ave	1.167	1.123		963	1000	-3.8	25.0
2-Nitroaniline	Ave	0.1483	0.1605		1080	998	8.3	25.0
Dimethyl phthalate	Ave	1.159	1.114		963	1000	-3.9	25.0
2,6-Dinitrotoluene	Ave	0.2773	0.3016		1090	1000	8.7	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-80088/11 | Calibration Date: 02/01/2011 19:04

Instrument ID: TAC002 | Calib Start Date: 02/01/2011 16:14

GC Column: ZB-5MS ID: 0.25(mm) | Calib End Date: 02/01/2011 18:43

Lab File ID: AT158417.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.593	1.676		1050	1000	5.2	25.0
3-Nitroaniline	Ave	0.1905	0.2265		1190	1000	18.9	25.0
Acenaphthene	Ave	1.197	1.073		896	1000	-10.4	25.0
2,4-Dinitrophenol	Qua1		0.1005	0.0500	4290	4990	-14.1	25.0
2,4-Dinitrotoluene	Lin1		0.3676		960	1000	-4.0	25.0
4-Nitrophenol	Lin1		0.0735	0.0500	4280	5040	-15.0	25.0
Dibenzofuran	Ave	1.584	1.551		965	986	-2.1	25.0
2,3,5,6-Tetrachlorophenol	Ave	0.3295	0.3088		951	1010	-6.3	25.0
2,3,4,6-Tetrachlorophenol	Ave	0.3396	0.3645		1060	988	7.3	25.0
Diethyl phthalate	Lin1		1.086		992	1000	-0.8	25.0
4-Chlorophenyl phenyl ether	Ave	0.6990	0.7560		1080	1000	8.2	25.0
Fluorene	Ave	1.257	1.193		958	1010	-5.1	25.0
4-Nitroaniline	Lin2		0.2234		1180	1000	18.3	25.0
4,6-Dinitro-2-methylphenol	Lin1		0.1158		4460	5010	-11.1	25.0
N-Nitrosodiphenylamine	Ave	0.6543	0.6582		1000	998	0.6	25.0
Azobenzene	Ave	0.4732	0.4415		920	986	-6.7	25.0
4-Bromophenyl phenyl ether	Ave	0.2930	0.3042		1040	1000	3.8	25.0
Hexachlorobenzene	Ave	0.3592	0.3260		907	999	-9.2	25.0
Pentachlorophenol	Lin1		0.1672		952	982	-3.0	20.0
Octadecane	Lin1		0.1366		945	1000	-5.5	25.0
Phenanthrene	Ave	1.146	1.074		937	1000	-6.3	25.0
Anthracene	Ave	1.045	1.028		984	1000	-1.7	25.0
Carbazole	Ave	0.8563	0.9192		1070	1000	7.3	25.0
Di-n-butyl phthalate	Ave	1.344	1.227		913	1000	-8.7	25.0
Fluoranthene	Ave	1.193	1.197		1010	1000	0.3	25.0
Benzidine	Qua		0.0891		1180	2000	-41.1*	25.0
Pyrene	Ave	1.269	1.245		984	1000	-1.9	25.0
Butyl benzyl phthalate	Ave	0.5255	0.5273		1010	1000	0.3	25.0
3,3'-Dichlorobenzidine	Ave	0.3193	0.3015		1910	2020	-5.6	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7553	0.7623		1020	1010	0.9	25.0
Benzo[a]anthracene	Ave	1.067	1.024		960	1000	-4.0	25.0
Chrysene	Ave	1.052	0.9868		942	1000	-6.2	25.0
Di-n-octyl phthalate	Ave	1.233	1.461		1190	1000	18.5	25.0
Benzo[b]fluoranthene	Ave	1.119	1.064		951	1000	-4.9	25.0
Benzofluoranthene	Ave	1.135	1.095		1930	2000	-3.5	25.0
Benzo[k]fluoranthene	Ave	1.162	1.123		967	1000	-3.3	25.0
Benzo[a]pyrene	Ave	0.9946	0.9812		986	1000	-1.4	25.0
Indeno[1,2,3-cd]pyrene	Ave	1.081	1.058		982	1000	-2.1	25.0
Dibenz(a,h)anthracene	Ave	0.9012	0.8551		952	1000	-5.1	25.0
Benzo[g,h,i]perylene	Ave	0.996	0.9125		919	1000	-8.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVIS 580-82791/4 | Calibration Date: 03/23/2011 13:24

Instrument ID: TAC002 | Calib Start Date: 02/01/2011 16:14

GC Column: ZB-5MS ID: 0.25(mm) | Calib End Date: 02/01/2011 18:43

Lab File ID: AT158865.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pyridine	Ave	0.3552	0.2890		4070	5000	-18.6	
N-Nitrosodimethylamine	Ave	0.1748	0.1641		4690	5000	-6.1	
Cyclohexanone	Ave	0.5714	0.5264		921	1000	-7.9	
Aniline	Ave	1.166	1.148		984	1000	-1.6	
Phenol	Ave	1.417	1.620		1140	1000	14.3	20.0
Bis(2-chloroethyl)ether	Ave	1.258	1.595		1270	1000	26.8	
n-Decane	Ave	0.8697	0.8503		978	1000	-2.2	
2-Chlorophenol	Ave	1.316	1.403		1070	1000	6.6	
1,3-Dichlorobenzene	Ave	1.598	1.639		1030	1000	2.5	
1,4-Dichlorobenzene	Ave	1.682	1.720		1020	1000	2.2	20.0
Benzyl alcohol	Ave	0.7499	0.7566		1010	1000	0.9	
1,2-Dichlorobenzene	Ave	1.584	1.731		1090	1000	9.3	
bis(chloroisopropyl) ether	Ave	0.9145	0.9058		990	1000	-1.0	
2-Methylphenol	Ave	1.154	1.242		1080	1000	7.6	
N-Nitrosodi-n-propylamine	Ave	0.6320	0.6457	0.0500	1020	1000	2.2	
Acetophenone	Ave	1.557	1.673		1070	1000	7.5	
3 & 4 Methylphenol	Ave	1.127	1.239		1100	1000	10.0	
Hexachloroethane	Ave	0.5127	0.5776		1130	1000	12.6	
Nitrobenzene	Ave	0.2539	0.2467		972	1000	-2.8	
Isophorone	Ave	0.4792	0.4849		1010	1000	1.2	
2-Nitrophenol	Ave	0.2116	0.2058		972	1000	-2.8	20.0
2,4-Dimethylphenol	Ave	0.2804	0.2804		1000	1000	0.0	
Bis(2-chloroethoxy)methane	Ave	0.3455	0.3399		984	1000	-1.6	
Benzoic acid	Qua2		0.1391		5600	5000	12.0	
2,4-Dichlorophenol	Ave	0.2918	0.3142		1080	1000	7.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3950	0.3994		1010	1000	1.1	
Naphthalene	Ave	1.056	1.063		1010	1000	0.7	
4-Chloroaniline	Ave	0.2922	0.2723		932	1000	-6.8	
Hexachlorobutadiene	Ave	0.2302	0.2316		1010	1000	0.6	20.0
4-Chloro-3-methylphenol	Ave	0.2309	0.2426		1050	1000	5.1	20.0
2-Methylnaphthalene	Ave	0.7150	0.7266		1020	1000	1.6	
1-Methylnaphthalene	Ave	0.7059	0.7397		1050	1000	4.8	
Hexachlorocyclopentadiene	Qua2		0.2811	0.0500	991	1000	-0.9	
2,3-Dichloroaniline	Ave	0.6101	0.6187		1010	1000	1.4	
2,4,6-Trichlorophenol	Ave	0.3880	0.3930		1010	1000	1.3	
2,4,5-Trichlorophenol	Ave	0.3886	0.4177		1070	1000	7.5	
Biphenyl	Ave	1.460	1.460		1000	1000	-0.0	
2-Chloronaphthalene	Ave	1.167	1.185		1020	1000	1.6	
2-Nitroaniline	Ave	0.1483	0.1553		1050	1000	4.7	
Dimethyl phthalate	Ave	1.159	1.215		1050	1000	4.8	
2,6-Dinitrotoluene	Ave	0.2773	0.3080		1110	1000	11.0	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVIS 580-82791/4 Calibration Date: 03/23/2011 13:24

Instrument ID: TAC002 Calib Start Date: 02/01/2011 16:14

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 18:43

Lab File ID: AT158865.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.593	1.718		1080	1000	7.8	
3-Nitroaniline	Ave	0.1905	0.1989		1040	1000	4.4	
Acenaphthene	Ave	1.197	1.190		994	1000	-0.6	20.0
2,4-Dinitrophenol	Qua1		0.1103	0.0500	4650	5000	-6.9	
2,4-Dinitrotoluene	Lin1		0.3721		972	1000	-2.8	
Dibenzofuran	Ave	1.584	1.641		1040	1000	3.6	
4-Nitrophenol	Lin1		0.0784	0.0500	4520	5000	-9.5	
2,3,5,6-Tetrachlorophenol	Ave	0.3295	0.3427		1040	1000	4.0	
2,3,4,6-Tetrachlorophenol	Ave	0.3396	0.3718		1090	1000	9.5	
Diethyl phthalate	Lin1		1.133		1040	1000	3.7	
4-Chlorophenyl phenyl ether	Ave	0.6990	0.7093		1010	1000	1.5	
Fluorene	Ave	1.257	1.337		1060	1000	6.4	
4-Nitroaniline	Lin2		0.2074		1100	1000	9.8	
4,6-Dinitro-2-methylphenol	Lin1		0.1236		4730	5000	-5.4	
N-Nitrosodiphenylamine	Ave	0.6543	0.6875		1050	1000	5.1	
Azobenzene	Ave	0.4732	0.4539		959	1000	-4.1	
4-Bromophenyl phenyl ether	Ave	0.2930	0.2902		990	1000	-1.0	
Hexachlorobenzene	Ave	0.3592	0.3661		1020	1000	1.9	
Pentachlorophenol	Lin1		0.1518		885	1000	-11.5	20.0
Octadecane	Lin1		0.1361		941	1000	-5.9	
Phenanthrene	Ave	1.146	1.169		1020	1000	2.0	
Anthracene	Ave	1.045	1.160		1110	1000	10.9	
Carbazole	Ave	0.8563	0.9435		1100	1000	10.2	
Di-n-butyl phthalate	Ave	1.344	1.408		1050	1000	4.8	
Fluoranthene	Ave	1.193	1.354		1140	1000	13.5	20.0
Benzidine	Qua		0.0882		1170	2000	-41.7	
Pyrene	Ave	1.269	1.464		1150	1000	15.4	
Butyl benzyl phthalate	Ave	0.5255	0.5480		1040	1000	4.3	
3,3'-Dichlorobenzidine	Ave	0.3193	0.3425		2150	2000	7.3	
Benzo[a]anthracene	Ave	1.067	1.124		1050	1000	5.3	
Bis(2-ethylhexyl) phthalate	Ave	0.7553	0.8321		1100	1000	10.2	
Chrysene	Ave	1.052	1.082		1030	1000	2.9	
Di-n-octyl phthalate	Ave	1.233	1.435		1160	1000	16.4	20.0
Benzo[b]fluoranthene	Ave	1.119	1.183		1060	1000	5.8	
Benzo[k]fluoranthene	Ave	1.162	1.196		1030	1000	3.0	
Benzofluoranthene	Ave	1.135	1.180		2080	2000	3.9	
Benzo[a]pyrene	Ave	0.9946	1.090		1100	1000	9.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.081	1.213		1120	1000	12.2	
Dibenz(a,h)anthracene	Ave	0.9012	0.9772		1080	1000	8.4	
Benzo[g,h,i]perylene	Ave	0.996	1.029		1030	1000	3.3	
2-Fluorophenol	Ave	1.117	1.139		1010	992	2.0	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVIS 580-82791/4 Calibration Date: 03/23/2011 13:24

Instrument ID: TAC002 Calib Start Date: 02/01/2011 16:14

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 02/01/2011 18:43

Lab File ID: AT158865.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenol-d5	Ave	1.351	1.430		1040	978	5.8	
Nitrobenzene-d5	Ave	0.2660	0.2552		944	984	-4.0	
2-Fluorobiphenyl	Ave	1.452	1.452		986	986	0.0	
2,4,6-Tribromophenol	Ave	0.1757	0.1925		1080	985	9.5	
Terphenyl-d14	Qua2		1.173		989	970	2.0	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82340/15-F

Matrix: Water (TCLP) | Lab File ID: AT158868.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3520C | Date Extracted: 03/21/2011 15:15

Sample wt/vol: 200(mL) | Date Analyzed: 03/23/2011 14:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82791 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	ND		10	2.5
95-48-7	2-Methylphenol	ND		10	2.5
15831-10-4	3 & 4 Methylphenol	ND		20	2.5
67-72-1	Hexachloroethane	ND		15	2.5
98-95-3	Nitrobenzene	ND		10	2.5
87-68-3	Hexachlorobutadiene	ND		15	2.5
88-06-2	2,4,6-Trichlorophenol	ND		15	2.5
95-95-4	2,4,5-Trichlorophenol	ND		10	2.5
121-14-2	2,4-Dinitrotoluene	ND		10	2.5
118-74-1	Hexachlorobenzene	ND		10	2.5
87-86-5	Pentachlorophenol	ND		18	2.5
110-86-1	Pyridine	ND		50	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	85		44-148
4165-62-2	Phenol-d5	78		33-147
4165-60-0	Nitrobenzene-d5	85		49-154
321-60-8	2-Fluorobiphenyl	88		44-157
118-79-6	2,4,6-Tribromophenol	99		47-158
1718-51-0	Terphenyl-d14	90		27-177

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82655/2-A

Matrix: Solid | Lab File ID: AT158869.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/21/2011 15:15

Sample wt/vol: 200(mL) | Date Analyzed: 03/23/2011 15:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82791 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	46.8		10	2.5
95-48-7	2-Methylphenol	50.3		10	2.5
15831-10-4	3 & 4 Methylphenol	54.1		20	2.5
67-72-1	Hexachloroethane	42.4		15	2.5
98-95-3	Nitrobenzene	57.7		10	2.5
87-68-3	Hexachlorobutadiene	41.3		15	2.5
88-06-2	2,4,6-Trichlorophenol	52.2		15	2.5
95-95-4	2,4,5-Trichlorophenol	57.4		10	2.5
121-14-2	2,4-Dinitrotoluene	57.9		10	2.5
118-74-1	Hexachlorobenzene	50.6		10	2.5
87-86-5	Pentachlorophenol	46.2		18	2.5
110-86-1	Pyridine	192		50	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	93		44-148
4165-62-2	Phenol-d5	82		33-147
4165-60-0	Nitrobenzene-d5	93		49-154
321-60-8	2-Fluorobiphenyl	93		44-157
118-79-6	2,4,6-Tribromophenol	107		47-158
1718-51-0	Terphenyl-d14	84		27-177

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-GW MS | Lab Sample ID: 580-24977-2 MS

Matrix: Water (TCLP) | Lab File ID: AT158872.D

Analysis Method: 8270C | Date Collected: 03/13/2011 15:30

Extract. Method: 3510C | Date Extracted: 03/21/2011 15:15

Sample wt/vol: 170(mL) | Date Analyzed: 03/23/2011 16:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82791 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	53.3		12	2.9
95-48-7	2-Methylphenol	61.2		12	2.9
15831-10-4	3 & 4 Methylphenol	66.5		24	2.9
67-72-1	Hexachloroethane	59.3		18	2.9
98-95-3	Nitrobenzene	108		12	2.9
87-68-3	Hexachlorobutadiene	53.3		18	2.9
88-06-2	2,4,6-Trichlorophenol	62.0		18	2.9
95-95-4	2,4,5-Trichlorophenol	64.6		12	2.9
121-14-2	2,4-Dinitrotoluene	68.2		12	2.9
118-74-1	Hexachlorobenzene	59.6		12	2.9
87-86-5	Pentachlorophenol	46.8		21	2.9
110-86-1	Pyridine	69.2		59	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	101		44-148
4165-62-2	Phenol-d5	95		33-147
4165-60-0	Nitrobenzene-d5	91		49-154
321-60-8	2-Fluorobiphenyl	89		44-157
118-79-6	2,4,6-Tribromophenol	99		47-158
1718-51-0	Terphenyl-d14	79		27-177

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC002 Start Date: 02/01/2011 15:22

Analysis Batch Number: 80088 End Date: 02/01/2011 19:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-80088/1		02/01/2011 15:22	1	AT158407.D	ZB-5MS 0.25(mm)
IC 580-80088/3		02/01/2011 16:14	1	AT158409.D	ZB-5MS 0.25(mm)
IC 580-80088/4		02/01/2011 16:36	1	AT158410.D	ZB-5MS 0.25(mm)
IC 580-80088/5		02/01/2011 16:57	1	AT158411.D	ZB-5MS 0.25(mm)
IC 580-80088/6		02/01/2011 17:18	1	AT158412.D	ZB-5MS 0.25(mm)
IC 580-80088/7		02/01/2011 17:39	1	AT158413.D	ZB-5MS 0.25(mm)
ICIS 580-80088/8		02/01/2011 18:01	1	AT158414.D	ZB-5MS 0.25(mm)
IC 580-80088/9		02/01/2011 18:22	1	AT158415.D	ZB-5MS 0.25(mm)
IC 580-80088/10		02/01/2011 18:43	1	AT158416.D	ZB-5MS 0.25(mm)
ICV 580-80088/11		02/01/2011 19:04	1	AT158417.D	ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC002 Start Date: 03/23/2011 13:08

Analysis Batch Number: 82791 End Date: 03/23/2011 20:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 580-82791/3		03/23/2011 13:08	1	AT158864.D	ZB-5MS 0.25(mm)
CCVIS 580-82791/4		03/23/2011 13:24	1	AT158865.D	ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 14:03	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 14:24	1		ZB-5MS 0.25(mm)
MB 580-82340/15-F		03/23/2011 14:46	1	AT158868.D	ZB-5MS 0.25(mm)
LCS 580-82655/2-A		03/23/2011 15:07	1	AT158869.D	ZB-5MS 0.25(mm)
580-24977-1	YK-IDW-Soil	03/23/2011 15:29	1	AT158870.D	ZB-5MS 0.25(mm)
580-24977-2	YK-IDW-GW	03/23/2011 15:50	1	AT158871.D	ZB-5MS 0.25(mm)
580-24977-2 MS	YK-IDW-GW MS	03/23/2011 16:11	1	AT158872.D	ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 16:33	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 16:54	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 17:16	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 17:37	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 17:58	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 18:20	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 18:41	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 19:03	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 19:24	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 19:45	1		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 20:07	10		ZB-5MS 0.25(mm)
ZZZZZ		03/23/2011 20:28	10		ZB-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82340 Batch Start Date: 03/15/11 20:30 Batch Analyst: Boardway, Peter A

Batch Method: 1311 Batch End Date: 03/16/11 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	LeachatepH	
MB 580-82340/15		1311, 3520C, 8270C		100.00 g	2000 mL	4.93 SU	...	4.94 SU	

Batch Notes	
Balance ID	SEA212
Batch Comment	filter lot 9455078
pH Meter ID	03
Room Temperature during Rotation	22.6 Degrees C
Room Temperature Thermometer ID	05117058
TCLP Fluid 1 ID	654375
Temperature	22.6
ID number of the thermometer	05117058
Tumbler Rotations per Minute	30
Uncorrected Final Room Temperature	22.6 Celsius
Uncorrected Initial Room Temperature	22.0 Celsius
Uncorrected Room Temperature	22.6 Celsius
Uncorrected Temperature	22.6 Celsius

Basis	Basis Description
P	TCLP

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82655 Batch Start Date: 03/21/11 15:15 Batch Analyst: Tangcora, Mary Jane

Batch Method: 3520C Batch End Date: 03/23/11 12:21

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	8270flspk 00085
MB 580-82340/15-A		3520C, 8270C		6	200 mL	10 mL	<2	>11	
LCS 580-82655/2		3520C, 8270C		6	200 mL	10 mL	<2	>11	500 uL
580-24977-A-1-L	YK-IDW-Soil	3510C, 8270C	P	5	200 mL	10 mL	<2	>11	
580-24977-A-2-G	YK-IDW-GW	3520C, 8270C	P	6	200 mL	10 mL	<2	>11	
580-24977-A-2-G MS	YK-IDW-GW	3520C, 8270C	P	6	170 mL	10 mL	<2	>11	500 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8270Surr 00043					
MB 580-82340/15-A		3520C, 8270C		100 uL					
LCS 580-82655/2		3520C, 8270C		100 uL					
580-24977-A-1-L	YK-IDW-Soil	3510C, 8270C	P	100 uL					
580-24977-A-2-G	YK-IDW-GW	3520C, 8270C	P	100 uL					
580-24977-A-2-G MS	YK-IDW-GW	3520C, 8270C	P	100 uL					

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82655 Batch Start Date: 03/21/11 15:15 Batch Analyst: Tangcora, Mary Jane

Batch Method: 3520C Batch End Date: 03/23/11 12:21

Batch Notes	
Acid used for pH adjustment	1:1 H2So4
Acid used for pH adjust Lot #	670774
Base used for pH adjustment	10N NaOH
Base used for pH adjust Lot #	660497
Person's name who did the concentration	Wooten, Kara
Filter Paper Lot Number	557538
Time the first extraction started 24 hr	03/21/11 @ 1600
Na2SO4 Lot Number	670824
Prep Solvent Lot #	681870
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	225 mL
Person's name who did the prep	Mary Jane Tangcora
Time the second extractino ended 24 hr	3-23-11 8:00
Sufficient volume for MS/MSD?	ms only
ID number of the thermometer	15-041-1A-3
Uncorrected Temperature	75 - 80.5 Celsius
Water Bath ID	tac603
Water Bath Temperature	73 - 78.5 Celsius

Basis	Basis Description
P	TCLP

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82952 Batch Start Date: 03/15/11 20:30 Batch Analyst: Palmer, Sonya

Batch Method: 1311 Batch End Date: 03/16/11 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	LeachatepH	AnalysisComment
580-24977-A-1	YK-IDW-Soil	1311, 3510C, 8270C	P	100.51 g	2000 mL	8.45 SU	<2.0	5.01 SU	
580-24977-A-2	YK-IDW-GW	1311, 3520C, 8270C	P	... g	... mL	5.80 SU	<2.0	5.80 SU	water not tumbled

Batch Notes	
Balance ID	SEA212
Batch Comment	filter lot 9455078 original batch 82340, this is a mock batch created for data upload for 8270
pH Meter ID	03
Room Temperature during Rotation	22.6 Degrees C
Room Temperature Thermometer ID	05117058
TCLP Fluid 1 ID	654375
Temperature	22.6
ID number of the thermometer	05117058
Tumbler Rotations per Minute	30
Uncorrected Final Room Temperature	22.6 Celsius
Uncorrected Initial Room Temperature	22.0 Celsius
Uncorrected Room Temperature	22.6 Celsius
Uncorrected Temperature	22.6 Celsius

Basis	Basis Description
P	TCLP

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
YK-IDW-Soil	580-24977-1	47	50	44 X	42 X I
	MB 580-82392/1-A	99	105	101	93
	LCS 580-82392/3-A	98	106	107	99

	QC LIMITS
TCX = Tetrachloro-m-xylene	45-155
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
YK-IDW-GW	580-24977-2	80	76	45	42
	MB 580-82378/1-A	83	85	105	96
	LCS 580-82378/2-A	85	91	105	95
	LCSD 580-82378/3-A	84	98	97	88

	QC LIMITS
TCX = Tetrachloro-m-xylene	60-150
DCB = DCB Decachlorobiphenyl	40-135

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water Level: Low Lab File ID: CC155501.D

Lab ID: LCS 580-82378/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	1.00	0.983	98	25-145	
PCB-1260	1.00	1.09	109	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: CC155480.D

Lab ID: LCS 580-82392/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	0.100	0.0860	86	40-140	
PCB-1260	0.100	0.0920	92	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water Level: Low Lab File ID: CC155502.D

Lab ID: LCSD 580-82378/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	1.00	0.828	83	17	27	25-145	
PCB-1260	1.00	1.06	106	2	22	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: MB 580-82378/1-A

Matrix: Water Date Extracted: 03/16/2011 13:21

Lab File ID:(1) CC155499.D Lab File ID:(2) CC155499.D

Date Analyzed:(1) 03/18/2011 19:00 Date Analyzed:(2) 03/18/2011 19:00

Instrument ID:(1) TAC042 Instrument ID:(2) TAC042

GC Column:(1) ZB-MR-2 ID: 0.25(mm) GC Column:(2) ZB-MR-1 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 580-82378/2-A	03/18/2011 19:29	03/18/2011 19:29
	LCSD 580-82378/3-A	03/18/2011 19:43	03/18/2011 19:43
YK-IDW-GW	580-24977-2	03/18/2011 19:57	03/18/2011 19:57

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: MB 580-82392/1-A

Matrix: Solid Date Extracted: 03/16/2011 15:15

Lab File ID:(1) CC155478.D Lab File ID:(2) CC155478.D

Date Analyzed:(1) 03/17/2011 15:37 Date Analyzed:(2) 03/17/2011 15:37

Instrument ID:(1) TAC042 Instrument ID:(2) TAC042

GC Column:(1) ZB-MR-2 ID: 0.25(mm) GC Column:(2) ZB-MR-1 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 580-82392/3-A	03/17/2011 16:05	03/17/2011 16:05
YK-IDW-Soil	580-24977-1	03/18/2011 19:15	03/18/2011 19:15

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: CCVRT 580-82442/2 Date Analyzed: 03/17/2011 10:33

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155459.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.15	7.84	
UPPER LIMIT				3.18	7.87	
LOWER LIMIT				3.12	7.81	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82442/2		03/17/2011 10:33	CC155459.D	3.15	7.84	
CCV 580-82442/20		03/17/2011 15:08	CC155476.D	3.15	7.84	
MB 580-82392/1-A		03/17/2011 15:37	CC155478.D	3.15	7.84	
LCS 580-82392/3-A		03/17/2011 16:05	CC155480.D	3.15	7.84	
CCV 580-82442/28		03/17/2011 17:02	CC155484.D	3.15	7.84	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: CCVRT 580-82442/2 Date Analyzed: 03/17/2011 10:33

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm)

Lab File ID (Standard): CC155459.D Heated Purge: (Y/N) N

Calibration ID: 7348

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.21	7.91	
UPPER LIMIT				3.24	7.94	
LOWER LIMIT				3.18	7.88	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82442/2		03/17/2011 10:33	CC155459.D	3.21	7.91	
CCV 580-82442/20		03/17/2011 15:08	CC155476.D	3.21	7.91	
CCV 580-82442/28		03/17/2011 17:02	CC155484.D	3.21	7.90	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: CCVRT 580-82530/2 Date Analyzed: 03/18/2011 12:21

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm)

Lab File ID (Standard): CC155486.D Heated Purge: (Y/N) N

Calibration ID: 7347

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.15	7.84	
UPPER LIMIT				3.18	7.87	
LOWER LIMIT				3.12	7.81	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82530/2		03/18/2011 12:21	CC155486.D	3.15	7.84	
CCV 580-82530/14		03/18/2011 18:46	CC155498.D	3.15	7.84	
CCV 580-82530/20		03/18/2011 20:11	CC155504.D	3.15	7.84	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Sample No.: CCVRT 580-82530/2 Date Analyzed: 03/18/2011 12:21

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm)

Lab File ID (Standard): CC155486.D Heated Purge: (Y/N) N

Calibration ID: 7348

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.21	7.91	
UPPER LIMIT				3.24	7.94	
LOWER LIMIT				3.18	7.88	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 580-82530/2		03/18/2011 12:21	CC155486.D	3.21	7.91	
CCV 580-82530/14		03/18/2011 18:46	CC155498.D	3.21	7.91	
MB 580-82378/1-A		03/18/2011 19:00	CC155499.D	3.21	7.90	
580-24977-1	YK-IDW-Soil	03/18/2011 19:15	CC155500.D	3.21	7.90	
LCS 580-82378/2-A		03/18/2011 19:29	CC155501.D	3.21	7.90	
LCSD 580-82378/3-A		03/18/2011 19:43	CC155502.D	3.21	7.91	
580-24977-2	YK-IDW-GW	03/18/2011 19:57	CC155503.D	3.21	7.90	
CCV 580-82530/20		03/18/2011 20:11	CC155504.D	3.21	7.90	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± .03 minutes of surrogate RT
DCB RT Limit = ± .03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82378/2-A

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/18/2011 19:29 Date Analyzed (2): 03/18/2011 19:29

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.87	3.84	3.90	1.18	1.36	32.3
		2	4.07	4.04	4.10	1.02		
		3	4.34	4.31	4.37	0.944		
		4	4.60	4.56	4.62	2.91		
		5	4.80	4.77	4.83	0.757		
	2	1	3.90	3.87	3.93	1.15	0.983	
		2	4.09	4.07	4.13	1.51		
		3	4.40	4.37	4.43	0.588		
		4	4.66	4.63	4.69	0.906		
		5	4.85	4.82	4.88	0.754		
PCB-1260	1	1	5.82	5.79	5.85	0.903	1.09	0.4
		2	6.00	5.97	6.03	1.36		
		4	6.77	6.74	6.80	1.00		
	2	3	6.36	6.33	6.39	1.11	1.09	
		4	6.88	6.85	6.91	1.10		
		5	7.10	7.07	7.13	1.04		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 580-82378/3-A

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/18/2011 19:43 Date Analyzed (2): 03/18/2011 19:43

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.87	3.84	3.90	1.09	0.917	10.2
		2	4.07	4.04	4.10	0.954		
		3	4.34	4.31	4.37	0.872		
		5	4.80	4.77	4.83	0.755		
	2	1	3.90	3.87	3.93	0.823	0.828	
		3	4.40	4.37	4.43	0.618		
		4	4.66	4.63	4.69	1.08		
		5	4.85	4.82	4.88	0.792		
PCB-1260	1	1	5.82	5.79	5.85	0.974	1.09	2.6
		4	6.77	6.74	6.80	0.971		
		5	7.06	7.02	7.08	1.32		
	2	3	6.36	6.33	6.39	1.09	1.06	
		4	6.88	6.85	6.91	1.12		
		5	7.10	7.07	7.13	0.978		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82392/3-A

Instrument ID (1): TAC042 Instrument ID (2): TAC042

Date Analyzed (1): 03/17/2011 16:05 Date Analyzed (2): 03/17/2011 16:05

GC Column (1): ZB-MR-2 ID: 0.25(mm) GC Column (2): ZB-MR-1 ID: 0.25(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.87	3.84	3.90	0.0842	0.0860	7.1
		2	4.07	4.04	4.10	0.0899		
		3	4.34	4.31	4.37	0.0820		
		4	4.59	4.56	4.62	0.0947		
		5	4.80	4.77	4.83	0.0793		
	2	1	3.90	3.87	3.93	0.0913	0.0924	
		2	4.10	4.07	4.13	0.102		
		3	4.40	4.37	4.43	0.0925		
		4	4.66	4.63	4.69	0.0894		
		5	4.85	4.82	4.88	0.0862		
PCB-1260	1	1	5.82	5.79	5.85	0.0889	0.0920	10.6
		2	6.00	5.97	6.03	0.0953		
		3	6.29	6.26	6.32	0.0725		
		4	6.77	6.74	6.80	0.0993		
		5	7.05	7.03	7.09	0.104		
	2	1	5.89	5.86	5.92	0.104	0.102	
		2	6.13	6.10	6.16	0.0914		
		3	6.36	6.33	6.39	0.103		
		4	6.88	6.85	6.91	0.113		
		5	7.10	7.07	7.13	0.101		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-Soil | Lab Sample ID: 580-24977-1

Matrix: Solid | Lab File ID: CC155500.D

Analysis Method: 8082 | Date Collected: 03/13/2011 08:13

Extraction Method: 3550B | Date Extracted: 03/16/2011 15:15

Sample wt/vol: 10.6224(g) | Date Analyzed: 03/18/2011 19:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: 25.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82530 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.013	0.0040
11104-28-2	PCB-1221	ND		0.013	0.010
11141-16-5	PCB-1232	ND		0.013	0.0088
53469-21-9	PCB-1242	ND		0.013	0.0026
12672-29-6	PCB-1248	ND		0.013	0.0038
11097-69-1	PCB-1254	ND		0.013	0.0026
11096-82-5	PCB-1260	ND		0.013	0.0038

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	50		45-155
2051-24-3	DCB Decachlorobiphenyl	42	X I	60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: YK-IDW-GW | Lab Sample ID: 580-24977-2

Matrix: Water | Lab File ID: CC155503.D

Analysis Method: 8082 | Date Collected: 03/13/2011 15:30

Extraction Method: 3520C | Date Extracted: 03/16/2011 13:21

Sample wt/vol: 1060(mL) | Date Analyzed: 03/18/2011 19:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82530 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.47	0.042
11104-28-2	PCB-1221	ND		0.47	0.058
11141-16-5	PCB-1232	ND		0.47	0.039
53469-21-9	PCB-1242	ND		0.47	0.039
12672-29-6	PCB-1248	ND		0.47	0.067
11097-69-1	PCB-1254	ND		0.47	0.042
11096-82-5	PCB-1260	ND		0.47	0.037

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		60-150
2051-24-3	DCB Decachlorobiphenyl	42		40-135

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	3.888	3.888	3.888	3.889	3.889	3.889					3.859 - 3.919	3.889
PCB-1016 Peak 2	4.095	4.094	4.095	4.095	4.095	4.095					4.065 - 4.125	4.095
PCB-1016 Peak 3	4.361	4.362	4.362	4.362	4.362	4.362					4.332 - 4.392	4.362
PCB-1016 Peak 4	4.607	4.607	4.608	4.607	4.608	4.607					4.577 - 4.637	4.607
PCB-1016 Peak 5	4.820	4.820	4.820	4.821	4.820	4.820					4.791 - 4.851	4.820
PCB-1260 Peak 1	5.839	5.838	5.839	5.839	5.839	5.838					5.809 - 5.869	5.839
PCB-1260 Peak 2	6.020	6.020	6.019	6.020	6.020	6.019					5.990 - 6.050	6.020
PCB-1260 Peak 3	6.309	6.307	6.308	6.307	6.308	6.307					6.277 - 6.337	6.308
PCB-1260 Peak 4	6.788	6.787	6.788	6.787	6.788	6.787					6.757 - 6.817	6.788
PCB-1260 Peak 5	7.073	7.073	7.073	7.073	7.072	7.072					7.043 - 7.103	7.073
Tetrachloro-m-xylene	3.164	3.164	3.165	3.164	3.165	3.165					3.134 - 3.194	3.165
DCB Decachlorobiphenyl	7.865	7.864	7.864	7.863	7.863	7.863					7.833 - 7.893	7.864

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	27875 23662	29249 22349	27926	25407	Ave		26077.9825				10.0		20.0			
PCB-1016 Peak 2	25470 23835	28208 23859	28476	26083	Ave		25988.5232				7.8		20.0			
PCB-1016 Peak 3	44139 45800	48776 48544	48176	45709	Ave		46857.3058				4.1		20.0			
PCB-1016 Peak 4	30188 20371	28616 19962	25331	22636	Lin1	146717.885	20042.4427							0.9990		0.9900
PCB-1016 Peak 5	28230 24461	28864 24812	28107	26022	Ave		26749.3283				7.1		20.0			
PCB-1260 Peak 1	54758 47041	56238 49045	54450	49613	Ave		51857.3725				7.2		20.0			
PCB-1260 Peak 2	63841 53744	67286 57540	63951	58499	Lin1	148493.329	56281.1935							0.9980		0.9900
PCB-1260 Peak 3	95588 69471	84876 68523	80617	74463	Lin1	336012.896	68674.7075							1.0000		0.9900
PCB-1260 Peak 4	85240 86394	96282 94447	95439	89482	Ave		91214.1143				5.3		20.0			
PCB-1260 Peak 5	73846 64476	77147 69507	73132	68068	Ave		71029.2453				6.4		20.0			
Tetrachloro-m-xylene	974326 1038918	1044749 1082110	1045053	1002126	Ave		1031213.94				3.7		20.0			
DCB Decachlorobiphenyl	1093816 690856	897216 711357	806485	750891	Lin1	409136.133	700316.918							1.0000		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7347

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	278750 22349291	584984	1396287	2540653	11831067	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 2	Ave	254704 23858617	564163	1423803	2608289	11917511	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 3	Ave	441393 48543663	975524	2408778	4570926	22899926	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 4	Lin1	301883 19961739	572319	1266546	2263609	10185515	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 5	Ave	282303 24811804	577282	1405358	2602199	12230308	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 1	Ave	547582 49044991	1124750	2722489	4961312	23520322	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 2	Lin1	638411 57539516	1345720	3197554	5849927	26872237	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 3	Lin1	955877 68523469	1697528	4030842	7446307	34735563	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 4	Ave	852404 94446622	1925631	4771966	8948240	43197197	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 5	Ave	738457 69507418	1542931	3656596	6806752	32238182	10.0 1000	20.0	50.0	100	500
Tetrachloro-m-xylene	Ave	974414 108220747	2089686	5225737	10022166	51950600	1.00 100	2.00	5.00	10.0	50.0
DCB Decachlorobiphenyl	Lin1	1093816 71135663	1794432	4032424	7508909	34542815	1.00 100	2.00	5.00	10.0	50.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	3.902	3.903	3.905	3.905	3.905	3.905					3.875 - 3.935	3.904
PCB-1016 Peak 2	4.097	4.097	4.099	4.099	4.099	4.099					4.069 - 4.129	4.098
PCB-1016 Peak 3	4.400	4.400	4.401	4.401	4.401	4.401					4.371 - 4.431	4.401
PCB-1016 Peak 4	4.663	4.663	4.664	4.665	4.665	4.665					4.635 - 4.695	4.664
PCB-1016 Peak 5	4.847	4.848	4.849	4.850	4.850	4.850					4.820 - 4.880	4.849
PCB-1260 Peak 1	5.887	5.888	5.889	5.889	5.889	5.889					5.859 - 5.919	5.889
PCB-1260 Peak 2	6.124	6.125	6.126	6.127	6.126	6.126					6.097 - 6.157	6.126
PCB-1260 Peak 3	6.354	6.354	6.355	6.355	6.355	6.355					6.325 - 6.385	6.355
PCB-1260 Peak 4	6.871	6.872	6.873	6.873	6.873	6.873					6.843 - 6.903	6.873
PCB-1260 Peak 5	7.091	7.091	7.092	7.092	7.092	7.092					7.062 - 7.122	7.092
Tetrachloro-m-xylene	3.208	3.209	3.210	3.210	3.210	3.211					3.180 - 3.240	3.210
DCB Decachlorobiphenyl	7.897	7.897	7.898	7.898	7.898	7.897					7.868 - 7.928	7.898

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	68184 55971	72257 56169	68813	63083	Ave		64079.5843				11.0		20.0			
PCB-1016 Peak 2	78693 56667	76902 57396	69462	64227	Lin1	331269.410	57120.7337							0.9990		0.9900
PCB-1016 Peak 3	120813 117495	132595 126187	132571	125070	Ave		125788.470				4.9		20.0			
PCB-1016 Peak 4	49239 39753	52165 41816	51427	47205	Ave		46933.9233				11.0		20.0			
PCB-1016 Peak 5	58853 52215	63745 53709	62424	57903	Ave		58141.4443				7.9		20.0			
PCB-1260 Peak 1	115669 106137	124339 109877	121637	111227	Ave		114814.417				6.2		20.0			
PCB-1260 Peak 2	208804 164302	197362 172083	189327	171112	Lin1	486089.150	169005.760							0.9990		0.9900
PCB-1260 Peak 3	168957 156422	172897 169161	169668	158041	Ave		165857.466				4.1		20.0			
PCB-1260 Peak 4	208942 205123	228235 220384	220246	206922	Ave		214975.289				4.3		20.0			
PCB-1260 Peak 5	129331 124710	133564 133885	129245	127580	Ave		129718.922				2.7		20.0			
Tetrachloro-m-xylene	2375876 2629839	2614394 2618427	2776373	2650867	Ave		2610962.69				5.0		20.0			
DCB Decachlorobiphenyl	2004490 1885635	2258964 1931649	2137202	1996011	Ave		2035658.48				6.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 09:34 Calibration End Date: 03/03/2011 10:45 Calibration ID: 7348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/2	CC155047.D
Level 2	IC 580-81563/3	CC155048.D
Level 3	IC 580-81563/4	CC155049.D
Level 4	IC 580-81563/5	CC155050.D
Level 5	IC 580-81563/6	CC155051.D
Level 6	IC 580-81563/7	CC155052.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	681840 56169294	1445136	3440630	6308349	27985661	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 2	Lin1	786925 57396100	1538031	3473104	6422737	28333552	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 3	Ave	1208126 126186742	2651906	6628559	12506998	58747508	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 4	Ave	492387 41816076	1043290	2571349	4720477	19876257	10.0 1000	20.0	50.0	100	500
PCB-1016 Peak 5	Ave	588526 53708784	1274903	3121175	5790315	26107741	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 1	Ave	1156691 109876814	2486786	6081863	11122748	53068274	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 2	Lin1	2088038 172082538	3947232	9466360	17111206	82150837	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 3	Ave	1689570 169160554	3457944	8483382	15804057	78210917	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 4	Ave	2089416 220384236	4564699	11012298	20692183	102561579	10.0 1000	20.0	50.0	100	500
PCB-1260 Peak 5	Ave	1293313 133884644	2671277	6462225	12757956	62354839	10.0 1000	20.0	50.0	100	500
Tetrachloro-m-xylene	Ave	2376090 261866287	5229259	13883113	26511051	131503798	1.00 100	2.00	5.00	10.0	50.0
DCB Decachlorobiphenyl	Ave	2004490 193164860	4517927	10686012	19960109	94281773	1.00 100	2.00	5.00	10.0	50.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	3.399	3.398	3.398	3.399	3.398	3.398					3.369 - 3.429	3.398
PCB-1221 Peak 2	3.483	3.483	3.483	3.484	3.483	3.483					3.454 - 3.514	3.483
PCB-1221 Peak 3	3.558	3.558	3.559	3.559	3.557	3.558					3.529 - 3.589	3.558
PCB-1254 Peak 1	5.179	5.179	5.179	5.179	5.180	5.179					5.149 - 5.209	5.179
PCB-1254 Peak 2	5.334	5.333	5.334	5.334	5.333	5.333					5.304 - 5.364	5.334
PCB-1254 Peak 3	5.710	5.711	5.711	5.710	5.711	5.710					5.680 - 5.740	5.711
PCB-1254 Peak 4	5.928	5.928	5.928	5.928	5.927	5.927					5.898 - 5.958	5.928
PCB-1254 Peak 5	6.308	6.307	6.308	6.307	6.307	6.307					6.277 - 6.337	6.307

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	11359 11686	11997 10588	12120	11120	Ave		11478.2905				5.0		20.0			
PCB-1221 Peak 2	8905.3 7459.7	7199.2 6747.6	7560.2	7130.4	Lin1	17665.0698	6961.61820							0.9980		0.9900
PCB-1221 Peak 3	29893 26092	28310 24933	28346	27909	Ave		27580.5948				6.4		20.0			
PCB-1254 Peak 1	55626 48077	52597 48682	50580	48924	Ave		50747.4692				5.7		20.0			
PCB-1254 Peak 2	48182 38954	45561 39569	43795	41130	Ave		42865.2110				8.4		20.0			
PCB-1254 Peak 3	61318 59805	62835 61674	59162	59526	Ave		60719.9438				2.4		20.0			
PCB-1254 Peak 4	50615 43531	45982 45188	44897	44255	Ave		45744.5107				5.5		20.0			
PCB-1254 Peak 5	60685 48569	55384 50724	53233	49732	Ave		53054.3935				8.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	113587 10587943	239930	606005	1112027	5843115	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 2	Lin1	89053 6747577	143984	378011	713044	3729840	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 3	Ave	298931 24932501	566205	1417304	2790920	13046219	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 1	Ave	556260 48681609	1051940	2528986	4892362	24038433	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 2	Ave	481824 39568718	911212	2189745	4113028	19477184	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 3	Ave	613175 61673827	1256700	2958120	5952591	29902513	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 4	Ave	506153 45187584	919632	2244828	4425492	21765550	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 5	Ave	606845 50723893	1107678	2661636	4973241	24284469	10.0 1000	20.0	50.0	100	500

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	3.415	3.416	3.415	3.417	3.417	3.416					3.387 - 3.447	3.416
PCB-1221 Peak 2	3.492	3.493	3.493	3.494	3.493	3.493					3.464 - 3.524	3.493
PCB-1221 Peak 3	3.560	3.561	3.560	3.562	3.561	3.561					3.532 - 3.592	3.561
PCB-1254 Peak 1	5.207	5.207	5.208	5.209	5.207	5.207					5.179 - 5.239	5.208
PCB-1254 Peak 2	5.421	5.421	5.421	5.421	5.422	5.421					5.391 - 5.451	5.421
PCB-1254 Peak 3	5.738	5.737	5.738	5.738	5.738	5.738					5.708 - 5.768	5.738
PCB-1254 Peak 4	5.997	5.997	5.997	5.997	5.997	5.997					5.967 - 6.027	5.997
PCB-1254 Peak 5	6.355	6.355	6.355	6.355	6.355	6.356					6.326 - 6.386	6.355

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	36911 27099	32111 25966	30501	27985	Ave		30095.4812				13.0		20.0			
PCB-1221 Peak 2	20314 17050	18891 16310	19245	17369	Ave		18196.3877				8.4		20.0			
PCB-1221 Peak 3	78743 64451	74231 61185	70193	68170	Ave		69495.4135				9.2		20.0			
PCB-1254 Peak 1	101972 76662	92134 80537	89557	77966	Ave		86471.3440				11.0		20.0			
PCB-1254 Peak 2	163638 123051	121599 131363	116065	105346	Ave		126843.537				16.0		20.0			
PCB-1254 Peak 3	155788 131900	143923 137400	143176	132587	Ave		140795.770				6.3		20.0			
PCB-1254 Peak 4	128005 102726	119310 106943	110475	102378	Ave		111639.602				9.1		20.0			
PCB-1254 Peak 5	137750 112313	120563 118455	120046	114483	Ave		120601.615				7.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 11:13 Calibration End Date: 03/03/2011 12:23 Calibration ID: 7354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/9	CC155054.D
Level 2	IC 580-81563/10	CC155055.D
Level 3	IC 580-81563/11	CC155056.D
Level 4	IC 580-81563/12	CC155057.D
Level 5	IC 580-81563/13	CC155058.D
Level 6	IC 580-81563/14	CC155059.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	369114 25966431	642215	1525049	2798462	13549353	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 2	Ave	203141 16309738	377829	962234	1736878	8524789	10.0 1000	20.0	50.0	100	500
PCB-1221 Peak 3	Ave	787425 61185071	1484620	3509642	6816996	32225555	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 1	Ave	1019719 80536872	1842687	4477859	7796608	38330841	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 2	Ave	1636382 131362686	2431983	5803244	10534571	61525297	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 3	Ave	1557882 137400413	2878450	7158819	13258692	65950103	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 4	Ave	1280053 106943230	2386204	5523765	10237788	51362851	10.0 1000	20.0	50.0	100	500
PCB-1254 Peak 5	Ave	1377496 118455194	2411264	6002283	11448281	56156613	10.0 1000	20.0	50.0	100	500

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	3.399	3.399	3.398	3.398	3.398	3.398					3.368 - 3.428	3.398
PCB-1232 Peak 2	3.559	3.558	3.558	3.558	3.558	3.558					3.528 - 3.588	3.558
PCB-1232 Peak 3	4.095	4.095	4.094	4.094	4.095	4.094					4.064 - 4.124	4.095
PCB-1232 Peak 4	4.419	4.419	4.419	4.418	4.419	4.418					4.388 - 4.448	4.419
PCB-1232 Peak 5	4.544	4.544	4.544	4.543	4.544	4.544					4.514 - 4.574	4.544
PCB-1262 Peak 1	6.019	6.018	6.018	6.018	6.018	6.017					5.987 - 6.047	6.018
PCB-1262 Peak 2	6.349	6.348	6.348	6.347	6.347	6.348					6.318 - 6.378	6.348
PCB-1262 Peak 3	6.787	6.787	6.787	6.786	6.785	6.786					6.756 - 6.816	6.786
PCB-1262 Peak 4	7.076	7.076	7.076	7.075	7.075	7.076					7.046 - 7.106	7.076
PCB-1262 Peak 5	7.475	7.475	7.475	7.474	7.474	7.475					7.445 - 7.505	7.475

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	8994.0 6897.0	6610.9 7108.6	8264.2	8080.9	Lin1	19164.4721	7074.75010							0.9980		0.9900
PCB-1232 Peak 2	24723 20526	22265 20089	23837	23811	Ave		22541.8913				8.5		20.0			
PCB-1232 Peak 3	11647 11228	10993 11083	12279	13615	Ave		11807.4863				8.5		20.0			
PCB-1232 Peak 4	12253 13555	13179 13371	12255	15510	Ave		13353.6710				8.9		20.0			
PCB-1232 Peak 5	12629 10619	10560 10681	11463	12427	Ave		11396.4503				8.2		20.0			
PCB-1262 Peak 1	48908 42061	42764 41887	47210	49004	Ave		45305.4120				7.6		20.0			
PCB-1262 Peak 2	65420 58858	58508 58873	63977	67989	Ave		62270.8545				6.5		20.0			
PCB-1262 Peak 3	111817 111399	100830 112141	113132	124170	Lin1	-10540.497	112566.316							0.9990		0.9900
PCB-1262 Peak 4	85380 80809	76676 81327	84429	91973	Ave		83432.6947				6.2		20.0			
PCB-1262 Peak 5	37065 35196	32959 35248	37158	40876	Ave		36416.8228				7.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7370

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Lin1	89940 7108591	132217	413212	808088	3448519	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 2	Ave	247232 20089252	445304	1191850	2381064	10263028	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 3	Ave	116467 11082618	219866	613961	1361478	5614150	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 4	Ave	122525 13371362	263571	612759	1550968	6777377	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 5	Ave	126294 10680968	211193	573152	1242668	5309482	10.0 1000	20.0	50.0	100	500
PCB-1262 Peak 1	Ave	493966 42305373	863838	2384080	4949416	21240582	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 2	Ave	660740 59461654	1181860	3230849	6866887	29723437	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 3	Lin1	1129356 113262636	2036760	5713150	12541121	56256259	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 4	Ave	862343 82140660	1548855	4263688	9289310	40808780	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 5	Ave	374355 35600050	665777	1876459	4128457	17773898	10.1 1010	20.2	50.5	101	505

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	3.415	3.416	3.416	3.416	3.416	+++++					3.386 - 3.446	3.416
PCB-1232 Peak 2	3.561	3.562	3.561	3.561	3.561	3.561					3.531 - 3.591	3.561
PCB-1232 Peak 3	4.099	4.098	4.098	4.098	4.100	4.098					4.068 - 4.128	4.099
PCB-1232 Peak 4	4.459	4.459	4.459	4.460	4.460	4.459					4.429 - 4.489	4.459
PCB-1232 Peak 5	4.554	4.554	4.553	4.553	4.554	4.553					4.523 - 4.583	4.554
PCB-1262 Peak 1	6.125	6.125	6.125	6.124	6.125	6.125					6.095 - 6.155	6.125
PCB-1262 Peak 2	6.428	6.428	6.428	6.427	6.428	6.428					6.398 - 6.458	6.428
PCB-1262 Peak 3	6.874	6.873	6.873	6.872	6.873	6.873					6.843 - 6.903	6.873
PCB-1262 Peak 4	7.092	7.091	7.091	7.090	7.090	7.091					7.061 - 7.121	7.091
PCB-1262 Peak 5	7.539	7.538	7.539	7.538	7.539	7.538					7.508 - 7.568	7.539

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	14430 16856	26515 +++++	19605	22334	Ave		19948.0480				24.0	*	20.0			
PCB-1232 Peak 2	61663 50136	57868 49904	58197	60200	Ave		56327.8732				9.0		20.0			
PCB-1232 Peak 3	43216 26688	37870 26534	34927	31247	Ave		33413.5835				20.0		20.0			
PCB-1232 Peak 4	37830 31499	33996 31383	37314	37507	Ave		34921.6183				8.7		20.0			
PCB-1232 Peak 5	30679 25790	28878 25514	29351	30244	Ave		28409.4870				7.8		20.0			
PCB-1262 Peak 1	139747 108231	112083 107705	123195	125070	Ave		119338.475				10.0		20.0			
PCB-1262 Peak 2	137613 130766	125377 131307	143639	147901	Ave		136100.660				6.3		20.0			
PCB-1262 Peak 3	266357 269395	244635 271758	277435	300809	Ave		271731.595				6.7		20.0			
PCB-1262 Peak 4	163725 163760	153596 164989	169890	185777	Ave		166956.245				6.4		20.0			
PCB-1262 Peak 5	95547 83730	86140 83664	89078	94603	Ave		88793.6881				5.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 14:54 Calibration End Date: 03/03/2011 16:05 Calibration ID: 7371

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/16	CC155066.D
Level 2	IC 580-81563/17	CC155067.D
Level 3	IC 580-81563/18	CC155068.D
Level 4	IC 580-81563/19	CC155069.D
Level 5	IC 580-81563/20	CC155070.D
Level 6	IC 580-81563/21	CC155071.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	144301 +++++	530307	980225	2233436	8427965	10.0 +++++	20.0	50.0	100	500
PCB-1232 Peak 2	Ave	616628 49904235	1157356	2909839	6019978	25067922	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 3	Ave	432158 26533599	757399	1746357	3124735	13343831	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 4	Ave	378300 31383348	679914	1865723	3750699	15749606	10.0 1000	20.0	50.0	100	500
PCB-1232 Peak 5	Ave	306793 25514396	577558	1467544	3024397	12895238	10.0 1000	20.0	50.0	100	500
PCB-1262 Peak 1	Ave	1411440 108781597	2264086	6221354	12632040	54656891	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 2	Ave	1389895 132620275	2532620	7253759	14938009	66036976	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 3	Ave	2690205 274475264	4941635	14010456	30381748	136044677	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 4	Ave	1653625 166638734	3102638	8579439	18763521	82698861	10.1 1010	20.2	50.5	101	505
PCB-1262 Peak 5	Ave	965020 84500864	1740032	4498457	9554930	42283423	10.1 1010	20.2	50.5	101	505

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	3.557	3.557	3.558	3.558	3.557	3.558					3.528 - 3.588	3.558
PCB-1242 Peak 2	4.094	4.094	4.094	4.094	4.093	4.094					4.064 - 4.124	4.094
PCB-1242 Peak 3	4.545	4.543	4.543	4.544	4.543	4.544					4.514 - 4.574	4.544
PCB-1242 Peak 4	4.967	4.967	4.966	4.967	4.966	4.967					4.937 - 4.997	4.967
PCB-1242 Peak 5	5.178	5.178	5.178	5.178	5.178	5.178					5.148 - 5.208	5.178

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	24308 14333	16052 13349	16605	16565	Lin1	105659.592	13650.5990							0.9970		0.9900
PCB-1242 Peak 2	20935 19383	22369 18037	22395	23318	Ave		21072.9797				9.6		20.0			
PCB-1242 Peak 3	28793 19316	20849 18101	20892	21469	Ave		21570.0441				17.0		20.0			
PCB-1242 Peak 4	14227 17216	18092 15937	18376	19054	Ave		17150.2575				10.0		20.0			
PCB-1242 Peak 5	22163 23156	24078 21512	24745	25620	Ave		23545.8460				6.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Lin1	243422 13367210	321499	831395	1658827	7176717	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 2	Ave	209645 18062453	448015	1121312	2335098	9704984	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 3	Ave	288332 18126751	417565	1046064	2149917	9671401	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 4	Ave	142466 15959561	362345	920085	1908022	8620138	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 5	Ave	221941 21542605	482234	1238963	2565635	11594423	10.0 1001	20.0	50.1	100	501

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	3.560	3.561	3.561	3.561	3.561	3.562					3.531 - 3.591	3.561
PCB-1242 Peak 2	4.099	4.098	4.098	4.098	4.098	4.099					4.068 - 4.128	4.098
PCB-1242 Peak 3	4.459	4.460	4.460	4.460	4.459	4.459					4.430 - 4.490	4.460
PCB-1242 Peak 4	4.553	4.553	4.553	4.553	4.552	4.553					4.523 - 4.583	4.553
PCB-1242 Peak 5	5.237	5.237	5.236	5.237	5.237	5.237					5.207 - 5.267	5.237

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	55445 34525	40543 32336	40934	41394	Ave		40862.9003				20.0		20.0			
PCB-1242 Peak 2	72774 47148	62440 42890	58327	56528	Ave		56684.5413				19.0		20.0			
PCB-1242 Peak 3	57513 56405	69477 51570	69496	65577	Ave		61673.1135				12.0		20.0			
PCB-1242 Peak 4	52602 46821	62160 42681	52462	51353	Ave		51346.4996				13.0		20.0			
PCB-1242 Peak 5	49816 46793	52778 42215	51491	50378	Ave		48911.7868				7.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 16:34 Calibration End Date: 03/03/2011 17:45 Calibration ID: 7384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/23	CC155073.D
Level 2	IC 580-81563/24	CC155074.D
Level 3	IC 580-81563/25	CC155075.D
Level 4	IC 580-81563/26	CC155076.D
Level 5	IC 580-81563/27	CC155077.D
Level 6	IC 580-81563/28	CC155078.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	555225 32381740	811997	2049562	4145221	17286555	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 2	Ave	728755 42949854	1250545	2920443	5660754	23607197	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 3	Ave	575936 51642579	1391478	3479660	6566925	28242103	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 4	Ave	526758 42740346	1244935	2626782	5142537	23443201	10.0 1001	20.0	50.1	100	501
PCB-1242 Peak 5	Ave	498856 42274010	1057046	2578153	5044825	23429180	10.0 1001	20.0	50.1	100	501

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	4.605	4.605	4.606	4.605	4.605	4.605					4.575 - 4.635	4.605
PCB-1248 Peak 2	4.819	4.818	4.818	4.818	4.818	4.818					4.788 - 4.848	4.818
PCB-1248 Peak 3	5.179	5.178	5.178	5.178	5.178	5.178					5.148 - 5.208	5.178
PCB-1248 Peak 4	5.380	5.380	5.380	5.380	5.380	5.380					5.350 - 5.410	5.380
PCB-1248 Peak 5	5.710	5.709	5.709	5.708	5.709	5.709					5.678 - 5.738	5.709
PCB-1268 Peak 1	7.024	7.024	7.024	7.023	7.024	7.023					6.993 - 7.053	7.024
PCB-1268 Peak 2	7.075	7.075	7.075	7.074	7.075	7.074					7.044 - 7.104	7.075
PCB-1268 Peak 3	7.241	7.242	7.241	7.241	7.243	7.241					7.211 - 7.271	7.242
PCB-1268 Peak 4	7.473	7.473	7.474	7.473	7.473	7.473					7.443 - 7.503	7.473
PCB-1268 Peak 5	7.684	7.684	7.684	7.683	7.684	7.684					7.653 - 7.713	7.684

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	37337 28085	28727 26753	31261	31166	Ave		30554.9670				12.0		20.0			
PCB-1248 Peak 2	44959 33159	32990 31899	35544	35836	Ave		35731.3238				13.0		20.0			
PCB-1248 Peak 3	61826 46414	44966 44545	47168	47496	Ave		48735.8456				13.0		20.0			
PCB-1248 Peak 4	35032 25674	24901 24558	26509	26332	Ave		27167.6866				14.0		20.0			
PCB-1248 Peak 5	39078 20492	19506 19580	21493	21756	Lin1	130004.750	19689.2258							0.9970		0.9900
PCB-1268 Peak 1	144628 130684	118863 125723	132035	133417	Ave		130891.577				6.6		20.0			
PCB-1268 Peak 2	138313 120283	106651 116282	119524	121077	Ave		120354.992				8.5		20.0			
PCB-1268 Peak 3	105553 98950	88069 96458	98750	99859	Ave		97939.8214				5.8		20.0			
PCB-1268 Peak 4	46682 41250	36563 40114	42082	42632	Ave		41553.7696				8.0		20.0			
PCB-1268 Peak 5	235630 245040	194832 249799	223838	246312	Ave		232575.309				8.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-2 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	373703 26776773	575066	1564474	3119443	14055258	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 2	Ave	449997 31928064	660403	1778775	3586821	16594634	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 3	Ave	618818 44584755	900139	2360523	4753835	23227966	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 4	Ave	350633 24580547	498459	1326659	2635539	12848729	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 5	Lin1	391131 19597648	390478	1075604	2177518	10255319	10.0 1001	20.0	50.0	100	500
PCB-1268 Peak 1	Ave	1470863 127860441	2417667	6713995	13568470	66452856	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 2	Ave	1406643 118259087	2169275	6077797	12313575	61163667	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 3	Ave	1073470 98097574	1791333	5021444	10155611	50316288	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 4	Ave	474755 40795624	743692	2139891	4335633	20975614	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 5	Ave	2396360 254045537	3962893	11382176	25049960	124602615	10.2 1017	20.3	50.9	102	509

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	4.664	4.665	4.664	4.664	4.664	4.664					4.634 - 4.694	4.664
PCB-1248 Peak 2	4.850	4.849	4.849	4.849	4.848	4.849					4.819 - 4.879	4.849
PCB-1248 Peak 3	5.236	5.236	5.236	5.236	5.237	5.237					5.206 - 5.266	5.236
PCB-1248 Peak 4	5.405	5.405	5.405	5.405	5.404	5.405					5.375 - 5.435	5.405
PCB-1248 Peak 5	5.738	5.738	5.737	5.738	5.738	5.737					5.708 - 5.768	5.738
PCB-1268 Peak 1	7.089	7.089	7.088	7.088	7.088	7.088					7.058 - 7.118	7.088
PCB-1268 Peak 2	7.151	7.150	7.151	7.150	7.151	7.150					7.120 - 7.180	7.151
PCB-1268 Peak 3	7.287	7.287	7.287	7.287	7.288	7.287					7.257 - 7.317	7.287
PCB-1268 Peak 4	7.539	7.540	7.538	7.538	7.538	7.538					7.508 - 7.568	7.539
PCB-1268 Peak 5	7.741	7.741	7.741	7.741	7.741	7.742					7.711 - 7.771	7.741

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	87206 61213	67129 58329	69507	64386	Ave		67961.7434				15.0		20.0			
PCB-1248 Peak 2	106885 75410	78962 71772	83129	78064	Ave		82370.5097				15.0		20.0			
PCB-1248 Peak 3	115133 85151	79023 80290	89346	84809	Ave		88958.4964				15.0		20.0			
PCB-1248 Peak 4	99679 69138	66183 63572	73202	70868	Ave		73773.4304				18.0		20.0			
PCB-1248 Peak 5	98708 45967	43775 43652	49740	46491	Ave		54722.2282				40.0	*	20.0			
PCB-1268 Peak 1	348543 303760	274256 298162	303882	318225	Ave		307804.721				8.0		20.0			
PCB-1268 Peak 2	308538 278344	247314 273110	279633	290209	Ave		279524.470				7.2		20.0			
PCB-1268 Peak 3	258979 236626	210878 230996	236697	247977	Ave		237025.448				6.9		20.0			
PCB-1268 Peak 4	112341 97587	124246 95033	97609	102231	Ave		104840.985				11.0		20.0			
PCB-1268 Peak 5	877504 852815	735652 830367	849038	869849	Ave		835870.985				6.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-24977-1 Analy Batch No.: 81563

SDG No.:

Instrument ID: TAC042 GC Column: ZB-MR-1 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 18:13 Calibration End Date: 03/03/2011 19:24 Calibration ID: 7375

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 580-81563/30	CC155080.D
Level 2	IC 580-81563/31	CC155081.D
Level 3	IC 580-81563/32	CC155082.D
Level 4	IC 580-81563/33	CC155083.D
Level 5	IC 580-81563/34	CC155084.D
Level 6	IC 580-81563/35	CC155085.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	872844 58381222	1343794	3478494	6444417	30634041	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 2	Ave	1069816 71836759	1580662	4160209	7813440	37738910	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 3	Ave	1152363 80361930	1581880	4471333	8488509	42613687	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 4	Ave	997691 63628875	1324842	3663373	7093140	34600012	10.0 1001	20.0	50.0	100	500
PCB-1248 Peak 5	Ave	987971 43690961	876293	2489254	4653288	23004099	10.0 1001	20.0	50.0	100	500
PCB-1268 Peak 1	Ave	3544684 303230781	5578370	15452412	32363488	154461804	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 2	Ave	3137827 277752462	5030374	14219337	29514208	141537817	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 3	Ave	2633820 234922495	4289250	12036053	25219241	120324408	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 4	Ave	1142505 96648651	2527154	4963401	10396934	49622740	10.2 1017	20.3	50.9	102	509
PCB-1268 Peak 5	Ave	8924214 844483628	14963168	43173599	88463628	433656532	10.2 1017	20.3	50.9	102	509

Curve Type Legend:
Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	26330		101	100	1.0	20.0
PCB-1016 Peak 2	Ave	25989	27076		104	100	4.2	20.0
PCB-1016 Peak 3	Ave	46857	48305		103	100	3.1	20.0
PCB-1016 Peak 4	Lin1		23816		112	100	11.5	20.0
PCB-1016 Peak 5	Ave	26749	27178		102	100	1.6	20.0
PCB-1260 Peak 1	Ave	51857	49784		96.0	100	-4.0	20.0
PCB-1260 Peak 2	Lin1		63725		111	100	10.6	20.0
PCB-1260 Peak 3	Lin1		80425		112	100	12.2	20.0
PCB-1260 Peak 4	Ave	91214	97648		107	100	7.1	20.0
PCB-1260 Peak 5	Ave	71029	74641		105	100	5.1	20.0
Tetrachloro-m-xylene	Ave	1031214	1040209		10.1	10.0	0.9	20.0
DCB Decachlorobiphenyl	Lin1		819555		11.1	10.0	11.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.89	3.86	3.92
PCB-1016 Peak 2	4.09	4.07	4.13
PCB-1016 Peak 3	4.36	4.33	4.39
PCB-1016 Peak 4	4.61	4.58	4.64
PCB-1016 Peak 5	4.82	4.79	4.85
PCB-1260 Peak 1	5.84	5.81	5.87
PCB-1260 Peak 2	6.02	5.99	6.05
PCB-1260 Peak 3	6.31	6.28	6.34
PCB-1260 Peak 4	6.79	6.76	6.82
PCB-1260 Peak 5	7.07	7.04	7.10
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	64872		101	100	1.2	20.0
PCB-1016 Peak 2	Lin1		65803		109	100	9.4	20.0
PCB-1016 Peak 3	Ave	125788	133540		106	100	6.2	20.0
PCB-1016 Peak 4	Ave	46934	48812		104	100	4.0	20.0
PCB-1016 Peak 5	Ave	58141	60764		105	100	4.5	20.0
PCB-1260 Peak 1	Ave	114814	117498		102	100	2.3	20.0
PCB-1260 Peak 2	Lin1		183921		106	100	5.9	20.0
PCB-1260 Peak 3	Ave	165857	174576		105	100	5.3	20.0
PCB-1260 Peak 4	Ave	214975	228932		106	100	6.5	20.0
PCB-1260 Peak 5	Ave	129719	141483		109	100	9.1	20.0
Tetrachloro-m-xylene	Ave	2610963	2742650		10.5	10.0	5.0	20.0
DCB Decachlorobiphenyl	Ave	2035658	2243911		11.0	10.0	10.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/8 Calibration Date: 03/03/2011 10:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155053.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.88	3.94
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.64	4.70
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.87	6.84	6.90
PCB-1260 Peak 5	7.09	7.06	7.12
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1101565		10.7	10.0	6.8	20.0
DCB Decachlorobiphenyl	Lin1		782553		10.6	10.0	5.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	11478	12995		113	100	13.2	20.0
PCB-1221 Peak 2	Lin1		8722		123	100	22.7*	20.0
PCB-1221 Peak 3	Ave	27581	29581		107	100	7.3	20.0
PCB-1254 Peak 1	Ave	50747	57436		113	100	13.2	20.0
PCB-1254 Peak 2	Ave	42865	51582		120	100	20.3*	20.0
PCB-1254 Peak 3	Ave	60720	70944		117	100	16.8	20.0
PCB-1254 Peak 4	Ave	45745	44794		97.9	100	-2.1	20.0
PCB-1254 Peak 5	Ave	53054	56594		107	100	6.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.40	3.37	3.43
PCB-1221 Peak 2	3.48	3.45	3.51
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.18	5.15	5.21
PCB-1254 Peak 2	5.33	5.30	5.36
PCB-1254 Peak 3	5.71	5.68	5.74
PCB-1254 Peak 4	5.93	5.90	5.96
PCB-1254 Peak 5	6.31	6.28	6.34

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3006485		11.5	10.0	15.1	20.0
DCB Decachlorobiphenyl	Ave	2035658	2122457		10.4	10.0	4.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	30095	30027		99.8	100	-0.2	20.0
PCB-1221 Peak 2	Ave	18196	21018		116	100	15.5	20.0
PCB-1221 Peak 3	Ave	69495	70513		101	100	1.5	20.0
PCB-1254 Peak 1	Ave	86471	106479		123	100	23.1*	20.0
PCB-1254 Peak 2	Ave	126844	135185		107	100	6.6	20.0
PCB-1254 Peak 3	Ave	140796	161591		115	100	14.8	20.0
PCB-1254 Peak 4	Ave	111640	125851		113	100	12.7	20.0
PCB-1254 Peak 5	Ave	120602	130646		108	100	8.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/15 Calibration Date: 03/03/2011 12:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 11:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 12:23

Lab File ID: CC155060.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	3.42	3.39	3.45
PCB-1221 Peak 2	3.49	3.46	3.52
PCB-1221 Peak 3	3.56	3.53	3.59
PCB-1254 Peak 1	5.21	5.18	5.24
PCB-1254 Peak 2	5.42	5.39	5.45
PCB-1254 Peak 3	5.74	5.71	5.77
PCB-1254 Peak 4	6.00	5.97	6.03
PCB-1254 Peak 5	6.36	6.33	6.39

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1250502		12.1	10.0	21.3*	20.0
DCB Decachlorobiphenyl	Lin1		865026		11.8	10.0	17.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.17	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 3	Ave	11807	0.0000			100	-100.0*	20.0
PCB-1232 Peak 1	Lin1		7840		108	100	8.1	20.0
PCB-1232 Peak 2	Ave	22542	24504		109	100	8.7	20.0
PCB-1232 Peak 4	Ave	13354	15613		117	100	16.9	20.0
PCB-1232 Peak 5	Ave	11396	15059		132	100	32.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 3	0.00	4.06	4.12
PCB-1232 Peak 1	3.40	3.37	3.43
PCB-1232 Peak 2	3.56	3.53	3.59
PCB-1232 Peak 4	4.42	4.39	4.45
PCB-1232 Peak 5	4.55	4.51	4.57

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3259541		12.5	10.0	24.8*	20.0
DCB Decachlorobiphenyl	Ave	2035658	2328815		11.4	10.0	14.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	19948	17086		85.7	100	-14.3	20.0
PCB-1232 Peak 2	Ave	56328	60682		108	100	7.7	20.0
PCB-1232 Peak 3	Ave	33414	33819		101	100	1.2	20.0
PCB-1232 Peak 4	Ave	34922	28645		82.0	100	-18.0	20.0
PCB-1232 Peak 5	Ave	28409	28645		101	100	0.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/22 Calibration Date: 03/03/2011 16:20

Instrument ID: TAC042 Calib Start Date: 03/03/2011 14:54

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 16:05

Lab File ID: CC155072.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 1	3.42	3.39	3.45
PCB-1232 Peak 2	3.56	3.53	3.59
PCB-1232 Peak 3	4.10	4.07	4.13
PCB-1232 Peak 4	4.55	4.43	4.49
PCB-1232 Peak 5	4.55	4.52	4.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1223067		11.9	10.0	18.6	20.0
DCB Decachlorobiphenyl	Lin1		871070		11.9	10.0	18.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0000			100	-100.0*	20.0
PCB-1242 Peak 2	Ave	21073	25433		121	100	20.7*	20.0
PCB-1242 Peak 3	Ave	21570	23343		108	100	8.2	20.0
PCB-1242 Peak 4	Ave	17150	19424		113	100	13.3	20.0
PCB-1242 Peak 5	Ave	23546	27310		116	100	16.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	0.00	3.53	3.59
PCB-1242 Peak 2	4.09	4.06	4.12
PCB-1242 Peak 3	4.54	4.51	4.57
PCB-1242 Peak 4	4.97	4.94	5.00
PCB-1242 Peak 5	5.18	5.15	5.21

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3168245		12.1	10.0	21.3*	20.0
DCB Decachlorobiphenyl	Ave	2035658	2315165		11.4	10.0	13.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	40863	0.0000			100	-100.0*	20.0
PCB-1242 Peak 2	Ave	56685	59715		105	100	5.3	20.0
PCB-1242 Peak 3	Ave	61673	69612		113	100	12.9	20.0
PCB-1242 Peak 4	Ave	51346	54061		105	100	5.3	20.0
PCB-1242 Peak 5	Ave	48912	54270		111	100	11.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/29 Calibration Date: 03/03/2011 17:59

Instrument ID: TAC042 Calib Start Date: 03/03/2011 16:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 17:45

Lab File ID: CC155079.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	0.00	3.53	3.59
PCB-1242 Peak 2	4.10	4.07	4.13
PCB-1242 Peak 3	4.46	4.43	4.49
PCB-1242 Peak 4	4.55	4.52	4.58
PCB-1242 Peak 5	5.24	5.21	5.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1031214	1161696		11.3	10.0	12.7	20.0
DCB Decachlorobiphenyl	Lin1		1518532		21.1	10.0	111.0*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.16	3.13	3.19
DCB Decachlorobiphenyl	7.86	7.83	7.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	30555	0.0000			100	-100.0*	20.0
PCB-1248 Peak 2	Ave	35731	0.0000			100	-100.0*	20.0
PCB-1248 Peak 3	Ave	48736	55199		113	100	13.3	20.0
PCB-1248 Peak 4	Ave	27168	30884		114	100	13.7	20.0
PCB-1248 Peak 5	Lin1		22730		109	100	8.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	0.00	4.58	4.64
PCB-1248 Peak 2	0.00	4.79	4.85
PCB-1248 Peak 3	5.18	5.15	5.21
PCB-1248 Peak 4	5.38	5.35	5.41
PCB-1248 Peak 5	5.71	5.68	5.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	2610963	3035365		11.6	10.0	16.3	20.0
DCB Decachlorobiphenyl	Ave	2035658	3991580		19.6	10.0	96.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.87	7.93

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	67962	0.0000			100	-100.0*	20.0
PCB-1248 Peak 2	Ave	82371	0.0000			100	-100.0*	20.0
PCB-1248 Peak 3	Ave	88958	103006		116	100	15.8	20.0
PCB-1248 Peak 4	Ave	73773	84472		115	100	14.5	20.0
PCB-1248 Peak 5	Ave	54722	55537		101	100	1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICV 580-81563/36 Calibration Date: 03/03/2011 19:38

Instrument ID: TAC042 Calib Start Date: 03/03/2011 18:13

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 19:24

Lab File ID: CC155086.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	0.00	4.63	4.69
PCB-1248 Peak 2	0.00	4.82	4.88
PCB-1248 Peak 3	5.24	5.21	5.27
PCB-1248 Peak 4	5.41	5.38	5.44
PCB-1248 Peak 5	5.74	5.71	5.77

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVRT 580-82442/2 Calibration Date: 03/17/2011 10:33

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155459.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	21561		82.7	100	-17.3	20.0
PCB-1016 Peak 2	Ave	25989	22284		85.7	100	-14.3	20.0
PCB-1016 Peak 3	Ave	46857	36749		78.4	100	-21.6*	20.0
PCB-1016 Peak 4	Lin1		19476		89.9	100	-10.1	20.0
PCB-1016 Peak 5	Ave	26749	19517		73.0	100	-27.0*	20.0
PCB-1260 Peak 1	Ave	51857	41939		80.9	100	-19.1	20.0
PCB-1260 Peak 2	Lin1		51412		88.7	100	-11.3	20.0
PCB-1260 Peak 3	Lin1		57077		78.2	100	-21.8*	20.0
PCB-1260 Peak 4	Ave	91214	79479		87.1	100	-12.9	20.0
PCB-1260 Peak 5	Ave	71029	58210		82.0	100	-18.0	20.0
Tetrachloro-m-xylene	Ave	1031214	971432		9.42	10.0	-5.8	20.0
DCB Decachlorobiphenyl	Lin1		667633		8.95	10.0	-10.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVRT 580-82442/2 Calibration Date: 03/17/2011 10:33

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155459.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.87	3.84	3.90
PCB-1016 Peak 2	4.07	4.04	4.10
PCB-1016 Peak 3	4.34	4.31	4.37
PCB-1016 Peak 4	4.59	4.56	4.62
PCB-1016 Peak 5	4.80	4.77	4.83
PCB-1260 Peak 1	5.82	5.79	5.85
PCB-1260 Peak 2	6.00	5.97	6.03
PCB-1260 Peak 3	6.29	6.26	6.32
PCB-1260 Peak 4	6.77	6.74	6.80
PCB-1260 Peak 5	7.06	7.03	7.09
Tetrachloro-m-xylene	3.15	3.12	3.18
DCB Decachlorobiphenyl	7.84	7.81	7.87

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVRT 580-82442/2 Calibration Date: 03/17/2011 10:33

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155459.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	59582		93.0	100	-7.0	20.0
PCB-1016 Peak 2	Lin1		66446		111	100	10.5	20.0
PCB-1016 Peak 3	Ave	125788	119102		94.7	100	-5.3	20.0
PCB-1016 Peak 4	Ave	46934	45844		97.7	100	-2.3	20.0
PCB-1016 Peak 5	Ave	58141	50297		86.5	100	-13.5	20.0
PCB-1260 Peak 1	Ave	114814	116138		101	100	1.2	20.0
PCB-1260 Peak 2	Lin1		156897		90.0	100	-10.0	20.0
PCB-1260 Peak 3	Ave	165857	173078		104	100	4.4	20.0
PCB-1260 Peak 4	Ave	214975	200120		93.1	100	-6.9	20.0
PCB-1260 Peak 5	Ave	129719	112949		87.1	100	-12.9	20.0
Tetrachloro-m-xylene	Ave	2610963	2755568		10.6	10.0	5.5	20.0
DCB Decachlorobiphenyl	Ave	2035658	1800490		8.84	10.0	-11.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVRT 580-82442/2 Calibration Date: 03/17/2011 10:33

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155459.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.91	7.88	7.94

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82442/20 Calibration Date: 03/17/2011 15:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155476.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	23452		89.9	100	-10.1	20.0
PCB-1016 Peak 2	Ave	25989	24510		94.3	100	-5.7	20.0
PCB-1016 Peak 3	Ave	46857	47136		101	100	0.6	20.0
PCB-1016 Peak 4	Lin1		22032		103	100	2.6	20.0
PCB-1016 Peak 5	Ave	26749	24493		91.6	100	-8.4	20.0
PCB-1260 Peak 1	Ave	51857	44474		85.8	100	-14.2	20.0
PCB-1260 Peak 2	Lin1		57365		99.3	100	-0.7	20.0
PCB-1260 Peak 3	Lin1		65697		90.8	100	-9.2	20.0
PCB-1260 Peak 4	Ave	91214	81964		89.9	100	-10.1	20.0
PCB-1260 Peak 5	Ave	71029	64112		90.3	100	-9.7	20.0
Tetrachloro-m-xylene	Ave	1031214	990654		9.61	10.0	-3.9	20.0
DCB Decachlorobiphenyl	Lin1		727391		9.80	10.0	-2.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82442/20 Calibration Date: 03/17/2011 15:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155476.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.87	3.84	3.90
PCB-1016 Peak 2	4.08	4.04	4.10
PCB-1016 Peak 3	4.34	4.31	4.37
PCB-1016 Peak 4	4.59	4.56	4.62
PCB-1016 Peak 5	4.80	4.77	4.83
PCB-1260 Peak 1	5.82	5.79	5.85
PCB-1260 Peak 2	6.00	5.97	6.03
PCB-1260 Peak 3	6.29	6.26	6.32
PCB-1260 Peak 4	6.77	6.74	6.80
PCB-1260 Peak 5	7.05	7.03	7.09
Tetrachloro-m-xylene	3.15	3.12	3.18
DCB Decachlorobiphenyl	7.84	7.81	7.87

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82442/20 Calibration Date: 03/17/2011 15:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155476.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	62928		98.2	100	-1.8	20.0
PCB-1016 Peak 2	Lin1		66203		110	100	10.1	20.0
PCB-1016 Peak 3	Ave	125788	142481		113	100	13.3	20.0
PCB-1016 Peak 4	Ave	46934	48845		104	100	4.1	20.0
PCB-1016 Peak 5	Ave	58141	60381		104	100	3.9	20.0
PCB-1260 Peak 1	Ave	114814	115360		100	100	0.5	20.0
PCB-1260 Peak 2	Lin1		172535		99.2	100	-0.8	20.0
PCB-1260 Peak 3	Ave	165857	183785		111	100	10.8	20.0
PCB-1260 Peak 4	Ave	214975	212788		99.0	100	-1.0	20.0
PCB-1260 Peak 5	Ave	129719	125949		97.1	100	-2.9	20.0
Tetrachloro-m-xylene	Ave	2610963	2662496		10.2	10.0	2.0	20.0
DCB Decachlorobiphenyl	Ave	2035658	1924593		9.45	10.0	-5.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82442/20 Calibration Date: 03/17/2011 15:08

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155476.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.91	7.88	7.94

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82442/28 Calibration Date: 03/17/2011 17:02

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155484.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	24594		94.3	100	-5.7	20.0
PCB-1016 Peak 2	Ave	25989	25578		98.4	100	-1.6	20.0
PCB-1016 Peak 3	Ave	46857	48660		104	100	3.8	20.0
PCB-1016 Peak 4	Lin1		21345		99.2	100	-0.8	20.0
PCB-1016 Peak 5	Ave	26749	23464		87.7	100	-12.3	20.0
PCB-1260 Peak 1	Ave	51857	45931		88.6	100	-11.4	20.0
PCB-1260 Peak 2	Lin1		60115		104	100	4.2	20.0
PCB-1260 Peak 3	Lin1		66280		91.6	100	-8.4	20.0
PCB-1260 Peak 4	Ave	91214	78198		85.7	100	-14.3	20.0
PCB-1260 Peak 5	Ave	71029	66216		93.2	100	-6.8	20.0
Tetrachloro-m-xylene	Ave	1031214	1027889		9.97	10.0	-0.3	20.0
DCB Decachlorobiphenyl	Lin1		723172		9.74	10.0	-2.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82442/28 Calibration Date: 03/17/2011 17:02

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155484.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.87	3.84	3.90
PCB-1016 Peak 2	4.07	4.04	4.10
PCB-1016 Peak 3	4.34	4.31	4.37
PCB-1016 Peak 4	4.59	4.56	4.62
PCB-1016 Peak 5	4.80	4.77	4.83
PCB-1260 Peak 1	5.82	5.79	5.85
PCB-1260 Peak 2	6.00	5.97	6.03
PCB-1260 Peak 3	6.28	6.26	6.32
PCB-1260 Peak 4	6.76	6.74	6.80
PCB-1260 Peak 5	7.05	7.03	7.09
Tetrachloro-m-xylene	3.15	3.12	3.18
DCB Decachlorobiphenyl	7.84	7.81	7.87

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82442/28 Calibration Date: 03/17/2011 17:02

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155484.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	63889		99.7	100	-0.3	20.0
PCB-1016 Peak 2	Lin1		66713		111	100	11.0	20.0
PCB-1016 Peak 3	Ave	125788	143042		114	100	13.7	20.0
PCB-1016 Peak 4	Ave	46934	50221		107	100	7.0	20.0
PCB-1016 Peak 5	Ave	58141	60604		104	100	4.2	20.0
PCB-1260 Peak 1	Ave	114814	116233		101	100	1.2	20.0
PCB-1260 Peak 2	Lin1		182855		105	100	5.3	20.0
PCB-1260 Peak 3	Ave	165857	164044		98.9	100	-1.1	20.0
PCB-1260 Peak 4	Ave	214975	198608		92.4	100	-7.6	20.0
PCB-1260 Peak 5	Ave	129719	122138		94.2	100	-5.8	20.0
Tetrachloro-m-xylene	Ave	2610963	2707336		10.4	10.0	3.7	20.0
DCB Decachlorobiphenyl	Ave	2035658	1931696		9.49	10.0	-5.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82442/28 Calibration Date: 03/17/2011 17:02

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155484.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.88	7.94

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVRT 580-82530/2 Calibration Date: 03/18/2011 12:21

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155486.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	22154		85.0	100	-15.0	20.0
PCB-1016 Peak 2	Ave	25989	23109		88.9	100	-11.1	20.0
PCB-1016 Peak 3	Ave	46857	34701		74.1	100	-25.9*	20.0
PCB-1016 Peak 4	Lin1		20075		92.8	100	-7.2	20.0
PCB-1016 Peak 5	Ave	26749	20179		75.4	100	-24.6*	20.0
PCB-1260 Peak 1	Ave	51857	41521		80.1	100	-19.9	20.0
PCB-1260 Peak 2	Lin1		51878		89.5	100	-10.5	20.0
PCB-1260 Peak 3	Lin1		54980		75.2	100	-24.8*	20.0
PCB-1260 Peak 4	Ave	91214	75958		83.3	100	-16.7	20.0
PCB-1260 Peak 5	Ave	71029	60815		85.6	100	-14.4	20.0
Tetrachloro-m-xylene	Ave	1031214	989476		9.60	10.0	-4.0	20.0
DCB Decachlorobiphenyl	Lin1		729109		9.83	10.0	-1.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVRT 580-82530/2 Calibration Date: 03/18/2011 12:21

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155486.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.87	3.84	3.90
PCB-1016 Peak 2	4.07	4.04	4.10
PCB-1016 Peak 3	4.34	4.31	4.37
PCB-1016 Peak 4	4.59	4.56	4.62
PCB-1016 Peak 5	4.80	4.77	4.83
PCB-1260 Peak 1	5.82	5.79	5.85
PCB-1260 Peak 2	6.00	5.97	6.03
PCB-1260 Peak 3	6.29	6.26	6.32
PCB-1260 Peak 4	6.77	6.74	6.80
PCB-1260 Peak 5	7.05	7.02	7.08
Tetrachloro-m-xylene	3.15	3.12	3.18
DCB Decachlorobiphenyl	7.84	7.81	7.87

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVRT 580-82530/2 Calibration Date: 03/18/2011 12:21

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155486.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	57928		90.4	100	-9.6	20.0
PCB-1016 Peak 2	Lin1		59940		99.1	100	-0.9	20.0
PCB-1016 Peak 3	Ave	125788	109521		87.1	100	-12.9	20.0
PCB-1016 Peak 4	Ave	46934	45000		95.9	100	-4.1	20.0
PCB-1016 Peak 5	Ave	58141	48147		82.8	100	-17.2	20.0
PCB-1260 Peak 1	Ave	114814	106569		92.8	100	-7.2	20.0
PCB-1260 Peak 2	Lin1		147176		84.2	100	-15.8	20.0
PCB-1260 Peak 3	Ave	165857	159477		96.2	100	-3.8	20.0
PCB-1260 Peak 4	Ave	214975	206686		96.1	100	-3.9	20.0
PCB-1260 Peak 5	Ave	129719	112350		86.6	100	-13.4	20.0
Tetrachloro-m-xylene	Ave	2610963	2751121		10.5	10.0	5.4	20.0
DCB Decachlorobiphenyl	Ave	2035658	1889144		9.28	10.0	-7.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCVRT 580-82530/2 Calibration Date: 03/18/2011 12:21

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155486.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.91	7.88	7.94

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82530/14 Calibration Date: 03/18/2011 18:46

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155498.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	23874		91.5	100	-8.5	20.0
PCB-1016 Peak 2	Ave	25989	25356		97.6	100	-2.4	20.0
PCB-1016 Peak 3	Ave	46857	44688		95.4	100	-4.6	20.0
PCB-1016 Peak 4	Lin1		22961		107	100	7.2	20.0
PCB-1016 Peak 5	Ave	26749	24602		92.0	100	-8.0	20.0
PCB-1260 Peak 1	Ave	51857	47670		91.9	100	-8.1	20.0
PCB-1260 Peak 2	Lin1		57769		100	100	0.0	20.0
PCB-1260 Peak 3	Lin1		66572		92.0	100	-8.0	20.0
PCB-1260 Peak 4	Ave	91214	84328		92.5	100	-7.5	20.0
PCB-1260 Peak 5	Ave	71029	63195		89.0	100	-11.0	20.0
Tetrachloro-m-xylene	Ave	1031214	1043568		10.1	10.0	1.2	20.0
DCB Decachlorobiphenyl	Lin1		734762		9.91	10.0	-0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82530/14 Calibration Date: 03/18/2011 18:46

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155498.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.87	3.84	3.90
PCB-1016 Peak 2	4.08	4.04	4.10
PCB-1016 Peak 3	4.34	4.31	4.37
PCB-1016 Peak 4	4.59	4.56	4.62
PCB-1016 Peak 5	4.80	4.77	4.83
PCB-1260 Peak 1	5.82	5.79	5.85
PCB-1260 Peak 2	6.00	5.97	6.03
PCB-1260 Peak 3	6.29	6.26	6.32
PCB-1260 Peak 4	6.77	6.74	6.80
PCB-1260 Peak 5	7.05	7.02	7.08
Tetrachloro-m-xylene	3.15	3.12	3.18
DCB Decachlorobiphenyl	7.84	7.81	7.87

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82530/14 Calibration Date: 03/18/2011 18:46

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155498.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	64360		100	100	0.4	20.0
PCB-1016 Peak 2	Lin1		67226		112	100	11.9	20.0
PCB-1016 Peak 3	Ave	125788	135518		108	100	7.7	20.0
PCB-1016 Peak 4	Ave	46934	48097		102	100	2.5	20.0
PCB-1016 Peak 5	Ave	58141	57108		98.2	100	-1.8	20.0
PCB-1260 Peak 1	Ave	114814	118736		103	100	3.4	20.0
PCB-1260 Peak 2	Lin1		173996		100	100	0.0	20.0
PCB-1260 Peak 3	Ave	165857	185223		112	100	11.7	20.0
PCB-1260 Peak 4	Ave	214975	214472		99.8	100	-0.2	20.0
PCB-1260 Peak 5	Ave	129719	123443		95.2	100	-4.8	20.0
Tetrachloro-m-xylene	Ave	2610963	2830275		10.8	10.0	8.4	20.0
DCB Decachlorobiphenyl	Ave	2035658	1885215		9.26	10.0	-7.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82530/14 Calibration Date: 03/18/2011 18:46

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155498.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.91	7.88	7.94

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82530/20 Calibration Date: 03/18/2011 20:11

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155504.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	26078	24843		95.3	100	-4.7	20.0
PCB-1016 Peak 2	Ave	25989	25653		98.7	100	-1.3	20.0
PCB-1016 Peak 3	Ave	46857	46865		100	100	0.0	20.0
PCB-1016 Peak 4	Lin1		22877		107	100	6.8	20.0
PCB-1016 Peak 5	Ave	26749	25450		95.1	100	-4.9	20.0
PCB-1260 Peak 1	Ave	51857	47850		92.3	100	-7.7	20.0
PCB-1260 Peak 2	Lin1		60900		106	100	5.6	20.0
PCB-1260 Peak 3	Lin1		71914		99.8	100	-0.2	20.0
PCB-1260 Peak 4	Ave	91214	91766		101	100	0.6	20.0
PCB-1260 Peak 5	Ave	71029	68740		96.8	100	-3.2	20.0
Tetrachloro-m-xylene	Ave	1031214	1068058		10.4	10.0	3.6	20.0
DCB Decachlorobiphenyl	Lin1		804858		10.9	10.0	9.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82530/20 Calibration Date: 03/18/2011 20:11

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-2 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155504.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.87	3.84	3.90
PCB-1016 Peak 2	4.07	4.04	4.10
PCB-1016 Peak 3	4.34	4.31	4.37
PCB-1016 Peak 4	4.59	4.56	4.62
PCB-1016 Peak 5	4.80	4.77	4.83
PCB-1260 Peak 1	5.82	5.79	5.85
PCB-1260 Peak 2	6.00	5.97	6.03
PCB-1260 Peak 3	6.29	6.26	6.32
PCB-1260 Peak 4	6.77	6.74	6.80
PCB-1260 Peak 5	7.05	7.02	7.08
Tetrachloro-m-xylene	3.15	3.12	3.18
DCB Decachlorobiphenyl	7.84	7.81	7.87

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82530/20 Calibration Date: 03/18/2011 20:11

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155504.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	64080	65460		102	100	2.2	20.0
PCB-1016 Peak 2	Lin1		69328		116	100	15.6	20.0
PCB-1016 Peak 3	Ave	125788	141505		112	100	12.5	20.0
PCB-1016 Peak 4	Ave	46934	50413		107	100	7.4	20.0
PCB-1016 Peak 5	Ave	58141	60195		104	100	3.5	20.0
PCB-1260 Peak 1	Ave	114814	124852		109	100	8.7	20.0
PCB-1260 Peak 2	Lin1		192228		111	100	10.9	20.0
PCB-1260 Peak 3	Ave	165857	193702		117	100	16.8	20.0
PCB-1260 Peak 4	Ave	214975	235008		109	100	9.3	20.0
PCB-1260 Peak 5	Ave	129719	134521		104	100	3.7	20.0
Tetrachloro-m-xylene	Ave	2610963	2884428		11.0	10.0	10.5	20.0
DCB Decachlorobiphenyl	Ave	2035658	2105585		10.3	10.0	3.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: CCV 580-82530/20 Calibration Date: 03/18/2011 20:11

Instrument ID: TAC042 Calib Start Date: 03/03/2011 09:34

GC Column: ZB-MR-1 ID: 0.25(mm) Calib End Date: 03/03/2011 10:45

Lab File ID: CC155504.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.90	3.87	3.93
PCB-1016 Peak 2	4.10	4.07	4.13
PCB-1016 Peak 3	4.40	4.37	4.43
PCB-1016 Peak 4	4.66	4.63	4.69
PCB-1016 Peak 5	4.85	4.82	4.88
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.13	6.10	6.16
PCB-1260 Peak 3	6.36	6.33	6.39
PCB-1260 Peak 4	6.88	6.85	6.91
PCB-1260 Peak 5	7.10	7.07	7.13
Tetrachloro-m-xylene	3.21	3.18	3.24
DCB Decachlorobiphenyl	7.90	7.88	7.94

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82378/1-A

Matrix: Water | Lab File ID: CC155499.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3520C | Date Extracted: 03/16/2011 13:21

Sample wt/vol: 1000(mL) | Date Analyzed: 03/18/2011 19:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82530 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.50	0.045
11104-28-2	PCB-1221	ND		0.50	0.062
11141-16-5	PCB-1232	ND		0.50	0.041
53469-21-9	PCB-1242	ND		0.50	0.041
12672-29-6	PCB-1248	ND		0.50	0.071
11097-69-1	PCB-1254	ND		0.50	0.044
11096-82-5	PCB-1260	ND		0.50	0.039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		60-150
2051-24-3	DCB Decachlorobiphenyl	96		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-82392/1-A

Matrix: Solid | Lab File ID: CC155478.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3550B | Date Extracted: 03/16/2011 15:15

Sample wt/vol: 10(g) | Date Analyzed: 03/17/2011 15:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82442 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.010	0.0032
11104-28-2	PCB-1221	ND		0.010	0.0080
11141-16-5	PCB-1232	ND		0.010	0.0070
53469-21-9	PCB-1242	ND		0.010	0.0021
12672-29-6	PCB-1248	ND		0.010	0.0030
11097-69-1	PCB-1254	ND		0.010	0.0021
11096-82-5	PCB-1260	ND		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		45-155
2051-24-3	DCB Decachlorobiphenyl	101		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-82378/2-A

Matrix: Water Lab File ID: CC155501.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3520C Date Extracted: 03/16/2011 13:21

Sample wt/vol: 1000(mL) Date Analyzed: 03/18/2011 19:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 82530 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.983		0.50	0.045
11096-82-5	PCB-1260	1.09		0.50	0.039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		60-150
2051-24-3	DCB Decachlorobiphenyl	95		40-135

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-82392/3-A

Matrix: Solid | Lab File ID: CC155480.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3550B | Date Extracted: 03/16/2011 15:15

Sample wt/vol: 10(g) | Date Analyzed: 03/17/2011 16:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-2 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82442 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.0860		0.010	0.0032
11096-82-5	PCB-1260	0.0920		0.010	0.0030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		45-155
2051-24-3	DCB Decachlorobiphenyl	107		60-125

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-82378/3-A

Matrix: Water | Lab File ID: CC155502.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3520C | Date Extracted: 03/16/2011 13:21

Sample wt/vol: 1000(mL) | Date Analyzed: 03/18/2011 19:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-MR-1 ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 82530 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.828		0.50	0.045
11096-82-5	PCB-1260	1.06		0.50	0.039

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		60-150
2051-24-3	DCB Decachlorobiphenyl	88		40-135

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/03/2011 09:34

Analysis Batch Number: 81563 End Date: 03/03/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 580-81563/2		03/03/2011 09:34	1	CC155047.D	ZB-MR-2 0.25(mm)
IC 580-81563/2		03/03/2011 09:34	1	CC155047.D	ZB-MR-1 0.25(mm)
IC 580-81563/3		03/03/2011 09:48	1	CC155048.D	ZB-MR-2 0.25(mm)
IC 580-81563/3		03/03/2011 09:48	1	CC155048.D	ZB-MR-1 0.25(mm)
IC 580-81563/4		03/03/2011 10:02	1	CC155049.D	ZB-MR-2 0.25(mm)
IC 580-81563/4		03/03/2011 10:02	1	CC155049.D	ZB-MR-1 0.25(mm)
IC 580-81563/5		03/03/2011 10:16	1	CC155050.D	ZB-MR-2 0.25(mm)
IC 580-81563/5		03/03/2011 10:16	1	CC155050.D	ZB-MR-1 0.25(mm)
IC 580-81563/6		03/03/2011 10:30	1	CC155051.D	ZB-MR-2 0.25(mm)
IC 580-81563/6		03/03/2011 10:30	1	CC155051.D	ZB-MR-1 0.25(mm)
IC 580-81563/7		03/03/2011 10:45	1	CC155052.D	ZB-MR-2 0.25(mm)
IC 580-81563/7		03/03/2011 10:45	1	CC155052.D	ZB-MR-1 0.25(mm)
ICV 580-81563/8		03/03/2011 10:59	1	CC155053.D	ZB-MR-2 0.25(mm)
ICV 580-81563/8		03/03/2011 10:59	1	CC155053.D	ZB-MR-1 0.25(mm)
IC 580-81563/9		03/03/2011 11:13	1	CC155054.D	ZB-MR-2 0.25(mm)
IC 580-81563/9		03/03/2011 11:13	1	CC155054.D	ZB-MR-1 0.25(mm)
IC 580-81563/10		03/03/2011 11:27	1	CC155055.D	ZB-MR-2 0.25(mm)
IC 580-81563/10		03/03/2011 11:27	1	CC155055.D	ZB-MR-1 0.25(mm)
IC 580-81563/11		03/03/2011 11:41	1	CC155056.D	ZB-MR-2 0.25(mm)
IC 580-81563/11		03/03/2011 11:41	1	CC155056.D	ZB-MR-1 0.25(mm)
IC 580-81563/12		03/03/2011 11:55	1	CC155057.D	ZB-MR-2 0.25(mm)
IC 580-81563/12		03/03/2011 11:55	1	CC155057.D	ZB-MR-1 0.25(mm)
IC 580-81563/13		03/03/2011 12:09	1	CC155058.D	ZB-MR-2 0.25(mm)
IC 580-81563/13		03/03/2011 12:09	1	CC155058.D	ZB-MR-1 0.25(mm)
IC 580-81563/14		03/03/2011 12:23	1	CC155059.D	ZB-MR-2 0.25(mm)
IC 580-81563/14		03/03/2011 12:23	1	CC155059.D	ZB-MR-1 0.25(mm)
ICV 580-81563/15		03/03/2011 12:38	1	CC155060.D	ZB-MR-2 0.25(mm)
ICV 580-81563/15		03/03/2011 12:38	1	CC155060.D	ZB-MR-1 0.25(mm)
IC 580-81563/16		03/03/2011 14:54	1	CC155066.D	ZB-MR-2 0.25(mm)
IC 580-81563/16		03/03/2011 14:54	1	CC155066.D	ZB-MR-1 0.25(mm)
IC 580-81563/17		03/03/2011 15:08	1	CC155067.D	ZB-MR-2 0.25(mm)
IC 580-81563/17		03/03/2011 15:08	1	CC155067.D	ZB-MR-1 0.25(mm)
IC 580-81563/18		03/03/2011 15:22	1	CC155068.D	ZB-MR-2 0.25(mm)
IC 580-81563/18		03/03/2011 15:22	1	CC155068.D	ZB-MR-1 0.25(mm)
IC 580-81563/19		03/03/2011 15:36	1	CC155069.D	ZB-MR-2 0.25(mm)
IC 580-81563/19		03/03/2011 15:36	1	CC155069.D	ZB-MR-1 0.25(mm)
IC 580-81563/20		03/03/2011 15:51	1	CC155070.D	ZB-MR-2 0.25(mm)
IC 580-81563/20		03/03/2011 15:51	1	CC155070.D	ZB-MR-1 0.25(mm)
IC 580-81563/21		03/03/2011 16:05	1	CC155071.D	ZB-MR-2 0.25(mm)
IC 580-81563/21		03/03/2011 16:05	1	CC155071.D	ZB-MR-1 0.25(mm)
ICV 580-81563/22		03/03/2011 16:20	1	CC155072.D	ZB-MR-2 0.25(mm)
ICV 580-81563/22		03/03/2011 16:20	1	CC155072.D	ZB-MR-1 0.25(mm)
IC 580-81563/23		03/03/2011 16:34	1	CC155073.D	ZB-MR-2 0.25(mm)
IC 580-81563/23		03/03/2011 16:34	1	CC155073.D	ZB-MR-1 0.25(mm)
IC 580-81563/24		03/03/2011 16:48	1	CC155074.D	ZB-MR-2 0.25(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/03/2011 09:34

Analysis Batch Number: 81563 End Date: 03/03/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 580-81563/24		03/03/2011 16:48	1	CC155074.D	ZB-MR-1 0.25(mm)
IC 580-81563/25		03/03/2011 17:02	1	CC155075.D	ZB-MR-2 0.25(mm)
IC 580-81563/25		03/03/2011 17:02	1	CC155075.D	ZB-MR-1 0.25(mm)
IC 580-81563/26		03/03/2011 17:16	1	CC155076.D	ZB-MR-2 0.25(mm)
IC 580-81563/26		03/03/2011 17:16	1	CC155076.D	ZB-MR-1 0.25(mm)
IC 580-81563/27		03/03/2011 17:31	1	CC155077.D	ZB-MR-2 0.25(mm)
IC 580-81563/27		03/03/2011 17:31	1	CC155077.D	ZB-MR-1 0.25(mm)
IC 580-81563/28		03/03/2011 17:45	1	CC155078.D	ZB-MR-2 0.25(mm)
IC 580-81563/28		03/03/2011 17:45	1	CC155078.D	ZB-MR-1 0.25(mm)
ICV 580-81563/29		03/03/2011 17:59	1	CC155079.D	ZB-MR-2 0.25(mm)
ICV 580-81563/29		03/03/2011 17:59	1	CC155079.D	ZB-MR-1 0.25(mm)
IC 580-81563/30		03/03/2011 18:13	1	CC155080.D	ZB-MR-2 0.25(mm)
IC 580-81563/30		03/03/2011 18:13	1	CC155080.D	ZB-MR-1 0.25(mm)
IC 580-81563/31		03/03/2011 18:27	1	CC155081.D	ZB-MR-2 0.25(mm)
IC 580-81563/31		03/03/2011 18:27	1	CC155081.D	ZB-MR-1 0.25(mm)
IC 580-81563/32		03/03/2011 18:41	1	CC155082.D	ZB-MR-2 0.25(mm)
IC 580-81563/32		03/03/2011 18:41	1	CC155082.D	ZB-MR-1 0.25(mm)
IC 580-81563/33		03/03/2011 18:55	1	CC155083.D	ZB-MR-2 0.25(mm)
IC 580-81563/33		03/03/2011 18:55	1	CC155083.D	ZB-MR-1 0.25(mm)
IC 580-81563/34		03/03/2011 19:09	1	CC155084.D	ZB-MR-2 0.25(mm)
IC 580-81563/34		03/03/2011 19:09	1	CC155084.D	ZB-MR-1 0.25(mm)
IC 580-81563/35		03/03/2011 19:24	1	CC155085.D	ZB-MR-2 0.25(mm)
IC 580-81563/35		03/03/2011 19:24	1	CC155085.D	ZB-MR-1 0.25(mm)
ICV 580-81563/36		03/03/2011 19:38	1	CC155086.D	ZB-MR-2 0.25(mm)
ICV 580-81563/36		03/03/2011 19:38	1	CC155086.D	ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/17/2011 10:19

Analysis Batch Number: 82442 End Date: 03/17/2011 17:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/17/2011 10:19	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 10:19	1		ZB-MR-1 0.25(mm)
CCVRT 580-82442/2		03/17/2011 10:33	1	CC155459.D	ZB-MR-2 0.25(mm)
CCVRT 580-82442/2		03/17/2011 10:33	1	CC155459.D	ZB-MR-1 0.25(mm)
CCV 580-82442/3		03/17/2011 10:59	1		ZB-MR-2 0.25(mm)
CCV 580-82442/3		03/17/2011 10:59	1		ZB-MR-1 0.25(mm)
CCV 580-82442/4		03/17/2011 11:13	1		ZB-MR-2 0.25(mm)
CCV 580-82442/4		03/17/2011 11:13	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 11:50	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 11:50	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 12:05	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 12:05	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 12:19	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 12:19	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 12:33	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 12:33	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 12:47	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 12:47	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 13:01	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 13:01	1		ZB-MR-1 0.25(mm)
CCV 580-82442/12		03/17/2011 13:15	1		ZB-MR-2 0.25(mm)
CCV 580-82442/12		03/17/2011 13:15	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 13:29	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 13:29	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 13:44	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 13:44	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 13:58	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 13:58	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 14:12	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 14:12	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 14:26	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 14:26	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 14:40	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 14:40	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 14:54	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 14:54	1		ZB-MR-1 0.25(mm)
CCV 580-82442/20		03/17/2011 15:08	1	CC155476.D	ZB-MR-2 0.25(mm)
CCV 580-82442/20		03/17/2011 15:08	1	CC155476.D	ZB-MR-1 0.25(mm)
CCV 580-82442/21		03/17/2011 15:23	1		ZB-MR-2 0.25(mm)
CCV 580-82442/21		03/17/2011 15:23	1		ZB-MR-1 0.25(mm)
MB 580-82392/1-A		03/17/2011 15:37	1	CC155478.D	ZB-MR-2 0.25(mm)
MB 580-82392/1-A		03/17/2011 15:37	1	CC155478.D	ZB-MR-1 0.25(mm)
LCS 580-82392/3-A		03/17/2011 16:05	1	CC155480.D	ZB-MR-2 0.25(mm)
LCS 580-82392/3-A		03/17/2011 16:05	1	CC155480.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 16:19	1		ZB-MR-2 0.25(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/17/2011 10:19

Analysis Batch Number: 82442 End Date: 03/17/2011 17:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/17/2011 16:19	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 16:34	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 16:34	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/17/2011 16:48	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/17/2011 16:48	1		ZB-MR-1 0.25(mm)
CCV 580-82442/28		03/17/2011 17:02	1	CC155484.D	ZB-MR-2 0.25(mm)
CCV 580-82442/28		03/17/2011 17:02	1	CC155484.D	ZB-MR-1 0.25(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC042 Start Date: 03/18/2011 12:21

Analysis Batch Number: 82530 End Date: 03/18/2011 20:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 580-82530/2		03/18/2011 12:21	1	CC155486.D	ZB-MR-2 0.25(mm)
CCVRT 580-82530/2		03/18/2011 12:21	1	CC155486.D	ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 16:11	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 16:11	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 16:25	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 16:25	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 16:39	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 16:39	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 16:53	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 16:53	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 17:07	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 17:07	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 17:21	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 17:21	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 17:36	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 17:36	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 17:50	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 17:50	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 18:04	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 18:04	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 18:18	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 18:18	1		ZB-MR-1 0.25(mm)
ZZZZZ		03/18/2011 18:32	1		ZB-MR-2 0.25(mm)
ZZZZZ		03/18/2011 18:32	1		ZB-MR-1 0.25(mm)
CCV 580-82530/14		03/18/2011 18:46	1	CC155498.D	ZB-MR-2 0.25(mm)
CCV 580-82530/14		03/18/2011 18:46	1	CC155498.D	ZB-MR-1 0.25(mm)
MB 580-82378/1-A		03/18/2011 19:00	1	CC155499.D	ZB-MR-2 0.25(mm)
MB 580-82378/1-A		03/18/2011 19:00	1	CC155499.D	ZB-MR-1 0.25(mm)
580-24977-1	YK-IDW-Soil	03/18/2011 19:15	1	CC155500.D	ZB-MR-2 0.25(mm)
580-24977-1	YK-IDW-Soil	03/18/2011 19:15	1	CC155500.D	ZB-MR-1 0.25(mm)
LCS 580-82378/2-A		03/18/2011 19:29	1	CC155501.D	ZB-MR-2 0.25(mm)
LCS 580-82378/2-A		03/18/2011 19:29	1	CC155501.D	ZB-MR-1 0.25(mm)
LCSD 580-82378/3-A		03/18/2011 19:43	1	CC155502.D	ZB-MR-2 0.25(mm)
LCSD 580-82378/3-A		03/18/2011 19:43	1	CC155502.D	ZB-MR-1 0.25(mm)
580-24977-2	YK-IDW-GW	03/18/2011 19:57	1	CC155503.D	ZB-MR-2 0.25(mm)
580-24977-2	YK-IDW-GW	03/18/2011 19:57	1	CC155503.D	ZB-MR-1 0.25(mm)
CCV 580-82530/20		03/18/2011 20:11	1	CC155504.D	ZB-MR-2 0.25(mm)
CCV 580-82530/20		03/18/2011 20:11	1	CC155504.D	ZB-MR-1 0.25(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82378 Batch Start Date: 03/16/11 13:21 Batch Analyst: Tangcora, Mary Jane

Batch Method: 3520C Batch End Date: 03/17/11 13:17

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	PCBLLSSpk 00020	Pest/PCB Surr 00015	
MB 580-82378/1		3520C, 8082		6	1000 mL	10 mL	100 uL	100 uL	
LCS 580-82378/2		3520C, 8082		6	1000 mL	10 mL	100 uL	100 uL	
LCSD 580-82378/3		3520C, 8082		6	1000 mL	10 mL	100 uL	100 uL	
580-24977-B-2	YK-IDW-GW	3520C, 8082	T	7	1060 mL	10 mL	100 uL	100 uL	

Batch Notes	
Concentration End Time	1140
Concentration Start Time	1100
Person's name who did the concentration	Debbie Brechler
Exchange Solvent Lot #	674962
Exchange Solvent Name	Hexane
Filter Paper Lot Number	557538
Time the first extraction ended 24hr	3/17/11 @ 1025
Time the first extraction started 24 hr	03/16/11 @ 1625
Sulfuric Acid Lot Number	672978
Na2SO4 Lot Number	670824
Prep Solvent Lot #	681870
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	225 mL
Person's name who did the prep	Mary Jane Tangcora
Sufficient volume for MS/MSD?	no
ID number of the thermometer	15-041-1A-3
Uncorrected Temperature	84-90 Celsius
Water Bath ID	tac603
Water Bath Temperature	82-88 Celsius

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82392 Batch Start Date: 03/16/11 15:15 Batch Analyst: Wooten, Kara K

Batch Method: 3550B Batch End Date: 03/17/11 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	PCBLLSSpk 00020	Pest/PCB Surr 00015		
MB 580-82392/1		3550B, 8082		10 g	10 mL		100 uL		
LCS 580-82392/3		3550B, 8082		10 g	10 mL	100 uL	100 uL		
580-24977-B-1	YK-IDW-Soil	3550B, 8082	T	10.6224 g	10 mL		100 uL		

Batch Notes	
Balance ID	SEA216
Batch Comment	Method 3550B, 8081A and 8082 (sonicated on 3-17-11)
Blank Soil Lot Number	652168
Person's name who did the concentration	Wooten, Kara
Sulfuric Acid Lot Number	672979
Na2SO4 Lot Number	670823
Prep Solvent Lot #	674961
Prep Solvent Name	Hexane
Prep Solvent Volume Used	10 (verified volumetrically) mL
Person's name who witnessed reagent drop	None
ID number of the thermometer	101696187
Uncorrected Temperature	32.0 - ~55.0 Celsius
Vendor of Reagent used	JTB
Water Bath ID	WB1
Water Bath Temperature	32.1 - ~55.1 Celsius

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG No.:

Project: Yakima, WA Phase II

Client Sample ID	Lab Sample ID
YK-IDW-Soil	580-24977-1
YK-IDW-GW	580-24977-2

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: YK-IDW-Soil
Lab Sample ID: 580-24977-1
Lab Name: TestAmerica Seattle
Job No.: 580-24977-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/13/2011 08:13
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	0.010	0.060	0.0047	mg/L	J		1	6010B
7440-39-3	Barium	0.45	0.010	0.00050	mg/L		B	1	6010B
7440-43-9	Cadmium	ND	0.010	0.0015	mg/L			1	6010B
7440-47-3	Chromium	ND	0.025	0.0033	mg/L			1	6010B
7439-92-1	Lead	0.29	0.030	0.0021	mg/L			1	6010B
7782-49-2	Selenium	ND	0.10	0.0042	mg/L			1	6010B
7440-22-4	Silver	ND	0.020	0.0085	mg/L			1	6010B
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: YK-IDW-GW
Lab Sample ID: 580-24977-2
Lab Name: TestAmerica Seattle
Job No.: 580-24977-1
SDG ID.:
Matrix: Water
Date Sampled: 03/13/2011 15:30
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	ND	0.060	0.0047	mg/L			1	6010B
7440-39-3	Barium	0.038	0.010	0.00050	mg/L		B	1	6010B
7440-43-9	Cadmium	ND	0.010	0.0015	mg/L			1	6010B
7440-47-3	Chromium	ND	0.025	0.0033	mg/L			1	6010B
7439-92-1	Lead	0.0059	0.030	0.0021	mg/L	J		1	6010B
7782-49-2	Selenium	ND	0.10	0.0042	mg/L			1	6010B
7440-22-4	Silver	ND	0.020	0.0085	mg/L			1	6010B
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

ICV Source: ICP ICV-2_00007 Concentration Units: mg/L

CCV Source: ICP CCV_00028

Analyte	ICV 580-82505/6 03/17/2011 10:40				CCV 580-82505/11 03/17/2011 11:15				CCV 580-82505/23 03/17/2011 12:25			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	2.46		2.50	99	4.93		5.00	99	4.93		5.00	99
Barium	0.245		0.250	98	2.46		2.50	98	2.42		2.50	97
Cadmium	0.253		0.250	101	0.501		0.500	100	0.501		0.500	100
Chromium	1.00		1.00	100	0.500		0.500	100	0.499		0.500	100
Lead	0.977		1.00	98	4.87		5.00	97	4.85		5.00	97
Selenium	4.88		5.00	98	4.94		5.00	99	4.94		5.00	99
Silver	0.493		0.500	99	0.968		1.00	97	0.968		1.00	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

ICV Source: ICP ICV-2_00007 Concentration Units: mg/L

CCV Source: ICP CCV_00028

Analyte	CCV 580-82505/34 03/17/2011 13:31											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	4.92		5.00	98								
Barium	2.38		2.50	95								
Cadmium	0.495		0.500	99								
Chromium	0.497		0.500	99								
Lead	4.78		5.00	96								
Selenium	4.94		5.00	99								
Silver	0.963		1.00	96								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

ICV Source: Hg_ICV_WORK_00007 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00006

Analyte	ICV 580-82646/7 03/21/2011 08:53				CCV 580-82646/24 03/21/2011 09:39				CCV 580-82646/37 03/21/2011 10:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00397		0.00400	99	0.00598		0.00500	120	0.00569		0.00500	114

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Analysis Method: 6010B Instrument ID: TAC047

Lab Sample ID: CRI 580-82505/8 Concentration Units: mg/L

CRQL Check Standard Source: ICP RL_00015

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Arsenic	0.0600	0.0605		101	
Barium	0.0100	0.00960	J	96	
Cadmium	0.0100	0.0101		101	
Chromium	0.0250	0.0253		101	
Lead	0.0300	0.0302		101	
Selenium	0.100	0.0970	J	97	
Silver	0.0200	0.0194	J	97	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-82505/7 03/17/2011 10:45		CCB 580-82505/12 03/17/2011 11:21		CCB 580-82505/24 03/17/2011 12:31		CCB 580-82505/35 03/17/2011 13:37	
		Found	C	Found	C	Found	C	Found	C
Arsenic	0.060	ND		ND		ND		ND	
Barium	0.010	ND		ND		ND		ND	
Cadmium	0.010	ND		ND		ND		ND	
Chromium	0.025	ND		ND		ND		ND	
Lead	0.030	ND		ND		ND		ND	
Selenium	0.10	ND		ND		ND		ND	
Silver	0.020	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-82646/8 03/21/2011 08:55		CCB 580-82646/25 03/21/2011 09:42		CCB 580-82646/38 03/21/2011 10:16			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	ND		ND		ND			

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-82340/15-B

Instrument Code: TAC047 Batch No.: 82505

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	ND			6010B
7440-39-3	Barium	0.000600	J		6010B
7440-43-9	Cadmium	ND			6010B
7440-47-3	Chromium	ND			6010B
7439-92-1	Lead	ND			6010B
7782-49-2	Selenium	ND			6010B
7440-22-4	Silver	ND			6010B

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-82340/15-C

Instrument Code: TAC103 Batch No.: 82646

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	ND			7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICSA 580-82505/9 Instrument ID: TAC047

Lab File ID: 580-82387.asc ICS Source: ICP ICSA_00030

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		**0.0063**	
Barium		**0.0032**	
Cadmium		**-0.0065**	
Chromium		**0.0021**	
Lead		**-0.0096**	
Selenium		**0.0092**	
Silver		**-0.0023**	
Aluminum	*500*	*470*	*94*
Antimony		*-0.0016*	
Beryllium		*-0.0006*	
Bi		*-0.0404*	
Boron		*0.0070*	
Calcium	*500*	*440*	*88*
Cobalt		*0.0025*	
Copper		*0.0046*	
Hardness as calcium		*3010*	
Iron	*200*	*174*	*87*
Magnesium	*500*	*464*	*93*
Manganese		*-0.0110*	
Molybdenum		*0.0004*	
Nickel		*0.0080*	
Phosphorus		*0.0409*	
Potassium		*0.543*	
Sodium		*0.0651*	
Strontium		*0.0467*	
Thallium		*-0.0049*	
Tin		*0.0494*	
Titanium		*-0.0092*	
Vanadium		*0.0161*	
Zinc		*0.0042*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Lab Sample ID: ICSAB 580-82505/10 Instrument ID: TAC047

Lab File ID: 580-82387.asc ICS Source: ICP ICSAB_00023

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Arsenic	**10.0**	**10.2**	**102**
Barium	**3.00**	**2.92**	**97**
Cadmium	**3.00**	**2.77**	**92**
Chromium	**3.00**	**2.86**	**95**
Lead	**10.0**	**10.1**	**101**
Selenium	**5.00**	**5.03**	**101**
Silver	**3.00**	**3.22**	**107**
Aluminum	*500*	*484*	*97*
Antimony	*10.0*	*10.3*	*103*
Beryllium	*1.00*	*0.934*	*93*
Bi		*-0.0252*	
Boron	*5.00*	*4.91*	*98*
Calcium	*500*	*452*	*90*
Cobalt	*3.00*	*2.77*	*92*
Copper	*3.00*	*3.08*	*103*
Hardness as calcium		*3068*	
Iron	*200*	*179*	*89*
Magnesium	*500*	*471*	*94*
Manganese	*2.00*	*1.93*	*96*
Molybdenum	*3.00*	*2.85*	*95*
Nickel	*3.00*	*2.74*	*91*
Phosphorus		*0.0321*	
Potassium	*200*	*202*	*101*
Sodium		*0.0229*	
Strontium		*0.0444*	
Thallium	*10.0*	*9.71*	*97*
Tin		*0.0495*	
Titanium	*10.0*	*9.33*	*93*
Vanadium	*3.00*	*2.91*	*97*
Zinc	*3.00*	*2.78*	*93*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: YK-IDW-Soil MS
Lab ID: 580-24977-1 MS
Lab Name: TestAmerica Seattle
Job No.: 580-24977-1
SDG No.:
Matrix: Solid
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	4.36		0.010	J	4.00	109	50-150		6010B
Barium	4.23		0.45		4.00	94	50-150		6010B
Cadmium	0.0964		ND		0.100	96	50-150		6010B
Chromium	0.405		ND		0.400	101	50-150		6010B
Lead	1.29		0.29		1.00	101	50-150		6010B
Selenium	4.48		ND		4.00	112	50-150		6010B
Silver	0.642		ND		0.600	107	50-150		6010B
Mercury	0.00209		ND		0.00200	104	80-120		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - TCLP

Client ID: YK-IDW-Soil MSD | Lab ID: 580-24977-1 MSD

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	4.35		4.00	108	50-150	0	20		6010B
Barium	4.27		4.00	96	50-150	1	20		6010B
Cadmium	0.0954		0.100	95	50-150	1	20		6010B
Chromium	0.404		0.400	101	50-150	0	20		6010B
Lead	1.28		1.00	99	50-150	1	20		6010B
Selenium	4.49		4.00	112	50-150	0	20		6010B
Silver	0.636		0.600	106	50-150	1	20		6010B
Mercury	0.00205		0.00200	102	80-120	2	20		7470A

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: YK-IDW-Soil PDS | Lab ID: 580-24977-1 PDS

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

Matrix: Solid | Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	4.24		0.010	J	4.00	106			6010B
Barium	4.20		0.45		4.00	94			6010B
Cadmium	0.0948		ND		0.100	95			6010B
Chromium	0.396		ND		0.400	99			6010B
Lead	1.26		0.29		1.00	98			6010B
Selenium	4.37		ND		4.00	109			6010B
Silver	0.570		ND		0.600	95			6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS - TCLP

Client ID: YK-IDW-Soil DU | Lab ID: 580-24977-1 DU

Lab Name: TestAmerica Seattle | Job No.: 580-24977-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Arsenic	0.060	0.010	J	0.0124	J	19		6010B
Barium	0.010	0.45		0.455		0.7		6010B
Cadmium	0.010	ND		ND		NC		6010B
Chromium	0.025	ND		ND		NC		6010B
Lead	0.030	0.29		0.285		0.1		6010B
Selenium	0.10	ND		ND		NC		6010B
Silver	0.020	ND		ND		NC		6010B
Mercury	0.00020	ND		ND		NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82387/15-A

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

Sample Matrix: Water LCS Source: m-GPS-1_00020

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	4.00	3.83		96	80	120		6010B
Barium	4.00	3.74		94	80	120		6010B
Cadmium	0.100	0.0965		96	80	120		6010B
Chromium	0.400	0.398		100	80	120		6010B
Lead	1.00	0.965		97	80	120		6010B
Selenium	4.00	3.79		95	80	120		6010B
Silver	0.600	0.577		96	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82387/16-A

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

Sample Matrix: Water LCS Source: m-GPS-1_00020

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	3.86		4.00	96	80-120	1	20		6010B
Barium	3.80		4.00	95	80-120	2	20		6010B
Cadmium	0.0971		0.100	97	80-120	1	20		6010B
Chromium	0.402		0.400	100	80-120	1	20		6010B
Lead	0.971		1.00	97	80-120	1	20		6010B
Selenium	3.82		4.00	96	80-120	1	20		6010B
Silver	0.580		0.600	97	80-120	0	20		6010B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82387/17-A

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

Sample Matrix: Water LCS Source: m-GPS-1_00020

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	4.00	3.86		97	80	120		6010B
Barium	4.00	3.90		97	80	120		6010B
Cadmium	0.100	0.0975		98	80	120		6010B
Chromium	0.400	0.403		101	80	120		6010B
Lead	1.00	0.972		97	80	120		6010B
Selenium	4.00	3.82		96	80	120		6010B
Silver	0.600	0.576		96	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-82390/15-A

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00006

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00237		118	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-82390/16-A

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00006

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.00238		0.00200	119	80-120	0	20		7470A

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-82390/17-A

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00006

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00236		118	75	125		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Solid Instrument ID: TAC047

Analysis Method: 6010B MDL Date: 11/02/2010 08:09

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Arsenic		0.06	0.0047
Barium		0.01	0.0005
Cadmium		0.01	0.0015
Chromium		0.025	0.0033
Lead		0.03	0.0021
Selenium		0.1	0.0042
Silver		0.02	0.0085

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Solid Instrument ID: TAC047

Analysis Method: 6010B XMDL Date: 11/02/2010 08:29

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Arsenic		0.06	0.0047
Barium		0.01	0.002
Cadmium		0.01	0.0015
Chromium		0.025	0.0033
Lead		0.03	0.0021
Selenium		0.1	0.0042
Silver		0.02	0.0085

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Water Instrument ID: TAC047

Analysis Method: 6010B MDL Date: 11/02/2010 08:09

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Arsenic		0.06	0.0047
Barium		0.01	0.0005
Cadmium		0.01	0.0015
Chromium		0.025	0.0033
Lead		0.03	0.0021
Selenium		0.1	0.0042
Silver		0.02	0.0085

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Water Instrument ID: TAC047

Analysis Method: 6010B XMDL Date: 11/02/2010 08:29

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Arsenic		0.06	0.0047
Barium		0.01	0.002
Cadmium		0.01	0.0015
Chromium		0.025	0.0033
Lead		0.03	0.0021
Selenium		0.1	0.0042
Silver		0.02	0.0085

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Solid Instrument ID: TAC103

Analysis Method: 7470A MDL Date: 10/26/2010 05:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury		0.0002	0.000041

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Solid Instrument ID: TAC103

Analysis Method: 7470A XMDL Date: 10/02/2008 10:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (ug/L)
Mercury		0.0002	0.000041

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Analysis Method: 7470A MDL Date: 10/26/2010 05:39

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury		0.0002	0.000041

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Analysis Method: 7470A XMDL Date: 10/02/2008 10:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (ug/L)
Mercury		0.0002	0.000041

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Seattle Job No: 580-24977-1

SDG No.:

Instrument ID: TAC047 Date: 12/03/2010 07:34

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Arsenic		125	6010B
Barium		125	6010B
Cadmium		25	6010B
Chromium		50	6010B
Lead		125	6010B
Selenium		125	6010B
Silver		20	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-24977-1	03/16/2011 14:21	82387		50	50
580-24977-1 DU	03/16/2011 14:21	82387		50	50
580-24977-1 MS	03/16/2011 14:21	82387		50	50
580-24977-1 MSD	03/16/2011 14:21	82387		50	50
580-24977-2	03/16/2011 14:21	82387		50	50
MB 580-82340/15-B	03/16/2011 14:21	82387		50	50
LCS 580-82387/15-A	03/16/2011 14:21	82387		50	50
LCSD 580-82387/16-A	03/16/2011 14:21	82387		50	50
LCSSRM 580-82387/17-A	03/16/2011 14:21	82387		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-24977-1	03/16/2011 14:33	82390		50	50
580-24977-1 DU	03/16/2011 14:33	82390		50	50
580-24977-1 MS	03/16/2011 14:33	82390		50	50
580-24977-1 MSD	03/16/2011 14:33	82390		50	50
580-24977-2	03/16/2011 14:33	82390		50	50
MB 580-82340/15-C	03/16/2011 14:33	82390		50	50
LCS 580-82390/15-A	03/16/2011 14:33	82390		50	50
LCSD 580-82390/16-A	03/16/2011 14:33	82390		50	50
LCSSRM 580-82390/17-A	03/16/2011 14:33	82390		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC047 Method: 6010B

Start Date: 03/17/2011 10:11 End Date: 03/17/2011 13:37

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
STD0 580-82505/1 IC			10:11	X	X	X	X	X	X	X													
STD1 580-82505/2 IC			10:17	X	X	X	X	X	X	X													
STD2 580-82505/3 IC			10:23	X	X	X	X	X	X	X													
STD3 580-82505/4 IC			10:28	X	X	X	X	X	X	X													
STD4 580-82505/5 IC			10:34	X	X	X	X	X	X	X													
ICV 580-82505/6	1		10:40	X	X	X	X	X	X	X													
ICB 580-82505/7	1		10:45	X	X	X	X	X	X	X													
CRI 580-82505/8	1		10:52	X	X	X	X	X	X	X													
ICSA 580-82505/9	1		11:03	X	X	X	X	X	X	X													
ICSAB 580-82505/10	1		11:09	X	X	X	X	X	X	X													
CCV 580-82505/11	1		11:15	X	X	X	X	X	X	X													
CCB 580-82505/12	1		11:21	X	X	X	X	X	X	X													
MB 580-82340/15-B	1	P	11:27	X	X	X	X	X	X	X													
LCS 580-82387/15-A	1	T	11:33	X	X	X	X	X	X	X													
LCSD 580-82387/16-A	1	T	11:39	X	X	X	X	X	X	X													
LCSSRM 580-82387/17-A	1	T	11:44	X	X	X	X	X	X	X													
ZZZZZZ			11:50																				
580-24977-1	1	P	11:56	X	X	X	X	X	X	X													
580-24977-1 DU	1	P	12:02	X	X	X	X	X	X	X													
580-24977-1 MS	1	P	12:08	X	X	X	X	X	X	X													
580-24977-1 MSD	1	P	12:14	X	X	X	X	X	X	X													
580-24977-1 PDS	1	P	12:19	X	X	X	X	X	X	X													
CCV 580-82505/23	1		12:25	X	X	X	X	X	X	X													
CCB 580-82505/24	1		12:31	X	X	X	X	X	X	X													
580-24977-2	1	P	12:37	X	X	X	X	X	X	X													
ZZZZZZ			12:43																				
ZZZZZZ			12:49																				
ZZZZZZ			12:55																				
ZZZZZZ			13:01																				
ZZZZZZ			13:07																				
ZZZZZZ			13:13																				
ZZZZZZ			13:19																				
ZZZZZZ			13:25																				
CCV 580-82505/34	1		13:31	X	X	X	X	X	X	X													
CCB 580-82505/35	1		13:37	X	X	X	X	X	X	X													

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 03/21/2011 08:37 End Date: 03/21/2011 14:02

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
STD0 580-82646/1 IC			08:37	X																			
STD1 580-82646/2 IC			08:40	X																			
STD2 580-82646/3 IC			08:42	X																			
STD3 580-82646/4 IC			08:45	X																			
STD4 580-82646/5 IC			08:48	X																			
STD5 580-82646/6 IC			08:50	X																			
ICV 580-82646/7	1		08:53	X																			
ICB 580-82646/8	1		08:55	X																			
CCV 580-82646/9			09:01																				
CCB 580-82646/10			09:03																				
ZZZZZZ			09:06																				
ZZZZZZ			09:08																				
ZZZZZZ			09:11																				
ZZZZZZ			09:14																				
ZZZZZZ			09:16																				
ZZZZZZ			09:19																				
ZZZZZZ			09:21																				
ZZZZZZ			09:24																				
CCV 580-82646/19			09:27																				
CCB 580-82646/20			09:29																				
ZZZZZZ			09:32																				
ZZZZZZ			09:34																				
ZZZZZZ			09:37																				
CCV 580-82646/24	1		09:39	X																			
CCB 580-82646/25	1		09:42	X																			
MB 580-82340/15-C	1	P	09:45	X																			
LCS 580-82390/15-A	1	T	09:47	X																			
LCSD 580-82390/16-A	1	T	09:50	X																			
LCSSRM 580-82390/17-A	1	T	09:52	X																			
580-24977-1	1	P	09:55	X																			
580-24977-1 DU	1	P	09:58	X																			
580-24977-1 MS	1	P	10:00	X																			
580-24977-1 MSD	1	P	10:03	X																			
580-24977-2	1	P	10:05	X																			
ZZZZZZ			10:08																				
ZZZZZZ			10:11																				
CCV 580-82646/37	1		10:13	X																			
CCB 580-82646/38	1		10:16	X																			
ZZZZZZ			10:18																				
ZZZZZZ			10:21																				
ZZZZZZ			10:24																				
ZZZZZZ			10:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 03/21/2011 08:37 End Date: 03/21/2011 14:02

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			10:29																				
ZZZZZZ			10:31																				
CCV 580-82646/45			10:34																				
CCB 580-82646/46			10:37																				
ZZZZZZ			10:39																				
ZZZZZZ			10:42																				
ZZZZZZ			10:44																				
ZZZZZZ			10:47																				
ZZZZZZ			10:49																				
ZZZZZZ			10:52																				
ZZZZZZ			10:55																				
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
ZZZZZZ			11:02																				
ZZZZZZ			11:05																				
CCV 580-82646/58			11:08																				
CCB 580-82646/59			11:10																				
ZZZZZZ			11:13																				
ZZZZZZ			11:15																				
ZZZZZZ			11:18																				
ZZZZZZ			11:21																				
ZZZZZZ			11:23																				
ZZZZZZ			11:26																				
ZZZZZZ			11:28																				
CCV 580-82646/67			11:31																				
CCB 580-82646/68			11:33																				
ZZZZZZ			11:42																				
ZZZZZZ			11:44																				
ZZZZZZ			11:47																				
ZZZZZZ			11:50																				
ZZZZZZ			11:52																				
ZZZZZZ			11:55																				
ZZZZZZ			11:57																				
ZZZZZZ			12:00																				
ZZZZZZ			12:02																				
ZZZZZZ			12:05																				
CCV 580-82646/79			12:08																				
CCB 580-82646/80			12:10																				
ZZZZZZ			12:13																				
ZZZZZZ			12:15																				
ZZZZZZ			12:18																				
ZZZZZZ			12:21																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 03/21/2011 08:37 End Date: 03/21/2011 14:02

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			12:23																				
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
ZZZZZZ			12:31																				
ZZZZZZ			12:34																				
ZZZZZZ			12:36																				
CCV 580-82646/91			12:39																				
CCB 580-82646/92			12:41																				
ZZZZZZ			12:44																				
ZZZZZZ			12:46																				
ZZZZZZ			12:49																				
ZZZZZZ			12:52																				
ZZZZZZ			12:54																				
ZZZZZZ			12:57																				
CCV 580-82646/99			12:59																				
CCB 580-82646/100			13:02																				
ZZZZZZ			13:05																				
ZZZZZZ			13:07																				
ZZZZZZ			13:10																				
ZZZZZZ			13:12																				
ZZZZZZ			13:15																				
ZZZZZZ			13:18																				
ZZZZZZ			13:20																				
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:28																				
CCV 580-82646/111			13:31																				
CCB 580-82646/112			13:33																				
ZZZZZZ			13:36																				
ZZZZZZ			13:38																				
ZZZZZZ			13:41																				
ZZZZZZ			13:44																				
ZZZZZZ			13:46																				
ZZZZZZ			13:49																				
ZZZZZZ			13:51																				
ZZZZZZ			13:54																				
ZZZZZZ			13:57																				
CCV 580-82646/122			13:59																				
CCB 580-82646/123			14:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 03/21/2011 08:37 End Date: 03/21/2011 14:02

Prep Types
P = TCLP
T = Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82340 Batch Start Date: 03/15/11 20:30 Batch Analyst: Boardway, Peter A

Batch Method: 1311 Batch End Date: 03/16/11 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	LeachatepH	AnalysisComment
580-24977-A-1	YK-IDW-Soil	1311, 3010A, 6010B	P	100.51 g	2000 mL	8.45 SU	<2.0	5.01 SU	
580-24977-A-2	YK-IDW-GW	1311, 3010A, 6010B	P	... g	... mL	5.80 SU	<2.0	5.80 SU	water not tumbled
MB 580-82340/15		1311, 3010A, 6010B		100.00 g	2000 mL	4.93 SU	...	4.94 SU	

Batch Notes	
Balance ID	SEA212
Batch Comment	filter lot 9455078
pH Meter ID	03
Room Temperature during Rotation	22.6 Degrees C
Room Temperature Thermometer ID	05117058
TCLP Fluid 1 ID	654375
Temperature	22.6
ID number of the thermometer	05117058
Tumbler Rotations per Minute	30
Uncorrected Final Room Temperature	22.6 Celsius
Uncorrected Initial Room Temperature	22.0 Celsius
Uncorrected Room Temperature	22.6 Celsius
Uncorrected Temperature	22.6 Celsius

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82387 Batch Start Date: 03/16/11 14:21 Batch Analyst: Boardway, Peter A

Batch Method: 3010A Batch End Date: 03/16/11 18:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	m-GPS-1 00020	m-GPS-2 00017	m-GPS-3 00017	m-GPS-4 00019
580-24977-A-1-A	YK-IDW-Soil	3010A, 6010B	P	50 mL	50 mL				
580-24977-A-1-A DU	YK-IDW-Soil	3010A, 6010B	P	50 mL	50 mL				
580-24977-A-1-A MS	YK-IDW-Soil	3010A, 6010B	P	50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
580-24977-A-1-A MSD	YK-IDW-Soil	3010A, 6010B	P	50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
580-24977-A-2-A	YK-IDW-GW	3010A, 6010B	P	50 mL	50 mL				
MB 580-82340/15-A		3010A, 6010B		50 mL	50 mL				
LCS 580-82387/15		3010A, 6010B		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSD 580-82387/16		3010A, 6010B		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSSRM 580-82387/17		3010A, 6010B		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL

Batch Notes	
Lot # of hydrochloric acid	659246
Lot # of Nitric Acid	677857
Hot Block ID number	38010
Oven, Bath or Block Temperature 1	94 CORRECTED-TEMP Degrees C
Pipette ID	20051014
ID number of the thermometer	05117058
Digestion Tube/Cup Lot #	660786
Uncorrected Temperature	95 Celsius

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82340 Batch Start Date: 03/15/11 20:30 Batch Analyst: Boardway, Peter A

Batch Method: 1311 Batch End Date: 03/16/11 13:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EFD_InitialpH	EFD_AddHClpH>5	LeachatepH	AnalysisComment
580-24977-A-1	YK-IDW-Soil	1311, 7470A, 7470A	P	100.51 g	2000 mL	8.45 SU	<2.0	5.01 SU	
580-24977-A-2	YK-IDW-GW	1311, 7470A, 7470A	P	... g	... mL	5.80 SU	<2.0	5.80 SU	water not tumbled
MB 580-82340/15		1311, 7470A, 7470A		100.00 g	2000 mL	4.93 SU	...	4.94 SU	

Batch Notes	
Balance ID	SEA212
Batch Comment	filter lot 9455078
pH Meter ID	03
Room Temperature during Rotation	22.6 Degrees C
Room Temperature Thermometer ID	05117058
TCLP Fluid 1 ID	654375
Temperature	22.6
ID number of the thermometer	05117058
Tumbler Rotations per Minute	30
Uncorrected Final Room Temperature	22.6 Celsius
Uncorrected Initial Room Temperature	22.0 Celsius
Uncorrected Room Temperature	22.6 Celsius
Uncorrected Temperature	22.6 Celsius

Basis	Basis Description
P	TCLP

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82390 Batch Start Date: 03/21/11 06:11 Batch Analyst: Boardway, Peter A

Batch Method: 7470A Batch End Date: 03/21/11 08:41

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Hg_CAL_WORK 00006			
580-24977-A-1-A	YK-IDW-Soil	7470A, 7470A	P	50 mL	50 mL				
580-24977-A-1-A DU	YK-IDW-Soil	7470A, 7470A	P	50 mL	50 mL				
580-24977-A-1-A MS	YK-IDW-Soil	7470A, 7470A	P	50 mL	50 mL	1 mL			
580-24977-A-1-A MSD	YK-IDW-Soil	7470A, 7470A	P	50 mL	50 mL	1 mL			
580-24977-A-2-A	YK-IDW-GW	7470A, 7470A	P	50 mL	50 mL				
MB 580-82340/15-A		7470A, 7470A		50 mL	50 mL				
LCS 580-82390/15		7470A, 7470A		50 mL	50 mL	1 mL			
LCSD 580-82390/16		7470A, 7470A		50 mL	50 mL	1 mL			
LCSSRM 580-82390/17		7470A, 7470A		50 mL	50 mL	1 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	654643
Sulfuric Acid Lot Number	681974
Lot # of hydrochloric acid	659246
Lot # of Nitric Acid	677857
Hood ID or number	06
Hot Block ID number	38008
Potassium Persulfate Lot Number	654652
Potassium Permanganate Lot Number	654649
NaCL Lot #	654642
Repittetor Volume Check	20051014
Stannous Chloride Lot Number	654645
Temperature	94 CORRECTED-TEMP Celsius
ID number of the thermometer	15-041-1A-A
Digestion Tube/Cup Lot #	660786
Uncorrected Temperature	95 Celsius

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82390 Batch Start Date: 03/21/11 06:11 Batch Analyst: Boardway, Peter A

Batch Method: 7470A Batch End Date: 03/21/11 08:41

Basis	Basis Description
P	TCLP

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG No.:

Project: Yakima, WA Phase II

Client Sample ID	Lab Sample ID
YK-IDW-Soil	580-24977-1
YK-IDW-GW	580-24977-2

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: YK-IDW-Soil
Lab Sample ID: 580-24977-1
Lab Name: TestAmerica Seattle
Job No.: 580-24977-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/13/2011 08:13
Reporting Basis: DRY
Date Received: 03/14/2011 08:30
% Solids: 74.7

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Sulfide, Reactive	ND	27		mg/Kg			1	9034

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: YK-IDW-Soil
Lab Sample ID: 580-24977-1
Lab Name: TestAmerica Seattle
Job No.: 580-24977-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/13/2011 08:13
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Cyanide, Reactive	ND	20		mg/Kg			1	9014

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: YK-IDW-GW
Lab Sample ID: 580-24977-2
Lab Name: TestAmerica Seattle
Job No.: 580-24977-1
SDG ID.:
Matrix: Water
Date Sampled: 03/13/2011 15:30
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result			Units	C	Q	DIL	Method
	pH	7.58			SU		HF	1	150.1

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: YK-IDW-GW
Lab Sample ID: 580-24977-2
Lab Name: TestAmerica Seattle
Job No.: 580-24977-1
SDG ID.:
Matrix: Water
Date Sampled: 03/13/2011 15:30
Reporting Basis: WET
Date Received: 03/14/2011 08:30

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
	Cyanide, Reactive	ND	12		mg/L			1	9014
	Sulfide, Reactive	12	12		mg/L			1	9034

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Analyst: SH Batch Start Date: 03/16/2011

Reporting Units: SU Analytical Batch No.: 82397

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	14:07	pH	7.050	7.00	101			pH 7 ICV_00002
12	CCV	14:07	pH	7.050	7.00	101	99-101		pH 7 ICV_00002

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 82781	Date: 03/23/2011 09:32	Prep Batch: 82704	Date: 03/22/2011 10:01				
9014	MB 580-82704/1-A	Cyanide, Reactive	ND		mg/Kg	20	1
Batch ID: 82789	Date: 03/23/2011 10:27	Prep Batch: 82706	Date: 03/22/2011 10:06				
9034	MB 580-82706/1-A	Sulfide, Reactive	ND		mg/Kg	20	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 82781	Date: 03/23/2011 09:32		Prep Batch: 82704		Date: 03/22/2011 10:01						
9014	580-24977-1	Cyanide, Reactive	ND		mg/Kg						
9014	580-24977-1 MS	Cyanide, Reactive	53.5		mg/Kg	92.6	58	15-129			
Batch ID: 82789	Date: 03/23/2011 10:27		Prep Batch: 82706		Date: 03/22/2011 10:06						
9034	580-24977-1	Sulfide, Reactive	ND		mg/Kg						
9034	580-24977-1 MS	Sulfide, Reactive	301		mg/Kg	496	61	30-114			

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 82781	Date: 03/23/2011 09:32		Prep Batch: 82704		Date: 03/22/2011 10:01						
9014	580-24977-1 MSD	Cyanide, Reactive	50.1		mg/Kg	91.4	55	15-129	7	20	
Batch ID: 82789	Date: 03/23/2011 10:27		Prep Batch: 82706		Date: 03/22/2011 10:06						
9034	580-24977-1 MSD	Sulfide, Reactive	289		mg/Kg	490	59	30-114	4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Solid

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 82781	Date: 03/23/2011 09:32		Prep Batch: 82704	Date: 03/22/2011 10:01				
9014	YK-IDW-Soil	580-24977-1	Cyanide, Reactive	ND	mg/Kg			
9014	YK-IDW-Soil	580-24977-1 DU	Cyanide, Reactive	ND	mg/Kg	NC	20	
Batch ID: 82789	Date: 03/23/2011 10:27		Prep Batch: 82706	Date: 03/22/2011 10:06				
9034	YK-IDW-Soil	580-24977-1	Sulfide, Reactive	ND	mg/Kg			
9034	YK-IDW-Soil	580-24977-1 DU	Sulfide, Reactive	ND	mg/Kg	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 82397 Date: 03/16/2011 14:07								
150.1	YK-IDW-GW	580-24977-2	pH	7.58	SU			
150.1	YK-IDW-GW	580-24977-2 DU	pH	7.590	SU	0.1	1	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 82781	Date: 03/23/2011 09:32	Prep Batch: 82704	Date: 03/22/2011 10:01								
						LCS Source: 1000 ppm CN_00011					
9014	LCS 580-82704/2-A	Cyanide, Reactive	67.2		mg/Kg	100	67	15-129			
Batch ID: 82789	Date: 03/23/2011 10:27	Prep Batch: 82706	Date: 03/22/2011 10:06								
						LCS Source: SulfideSPK_00009					
9034	LCS 580-82706/2-A	Sulfide, Reactive	291		mg/Kg	400	73	30-114			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: 9014 RL Date: 01/01/2005 14:51

Prep Method: 7.3.3

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/Kg)	
Cyanide, Reactive		20	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Analysis Method: 9014 RL Date: 01/01/2005 13:38

Prep Method: 7.3.3

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	
Cyanide, Reactive		20	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: 9034 RL Date: 01/01/2005 14:54

Prep Method: 7.3.4

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/Kg)	
Sulfide, Reactive		20	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Analysis Method: 9034 RL Date: 01/01/2005 13:38

Prep Method: 7.3.4

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	
Sulfide, Reactive		20	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-24977-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture RL Date: 01/01/2005 13:13

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Preparation Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 580-82704/1-A	03/22/2011 10:01	82704	5.0		125
LCS 580-82704/2-A	03/22/2011 10:01	82704	5.0		125
580-24977-1	03/22/2011 10:01	82704	5.02		125
580-24977-1 DU	03/22/2011 10:01	82704	4.77		125
580-24977-1 MS	03/22/2011 10:01	82704	5.40		125
580-24977-1 MSD	03/22/2011 10:01	82704	5.47		125
580-24977-2	03/22/2011 10:01	82704	8.37		125

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Preparation Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 580-82706/1-A	03/22/2011 10:06	82706	5.0		125
LCS 580-82706/2-A	03/22/2011 10:06	82706	5.0		125
580-24977-1	03/22/2011 10:06	82706	5.02		125
580-24977-1 DU	03/22/2011 10:06	82706	4.77		125
580-24977-1 MS	03/22/2011 10:06	82706	5.40		125
580-24977-1 MSD	03/22/2011 10:06	82706	5.47		125
580-24977-2	03/22/2011 10:06	82706	8.37		125

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: NOEQUIP Method: 9014

Start Date: 03/23/2011 09:32 End Date: 03/23/2011 09:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				CNReac																			
MB 580-82704/1-A	1	T	09:32	X																			
LCS 580-82704/2-A	1	T	09:32	X																			
580-24977-1	1	T	09:32	X																			
580-24977-1 DU	1	T	09:32	X																			
580-24977-1 MS	1	T	09:32	X																			
580-24977-1 MSD	1	T	09:32	X																			
580-24977-2	1	T	09:32	X																			
ZZZZZZ			09:32																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: NOEQUIP Method: 9034

Start Date: 03/23/2011 10:27 End Date: 03/23/2011 10:27

Lab Sample ID	D / F	Type	Time	Analytes																			
				S2Reac																			
MB 580-82706/1-A	1	T	10:27	X																			
LCS 580-82706/2-A	1	T	10:27	X																			
580-24977-1	1	T	10:27	X																			
580-24977-1 DU	1	T	10:27	X																			
580-24977-1 MS	1	T	10:27	X																			
580-24977-1 MSD	1	T	10:27	X																			
580-24977-2	1	T	10:27	X																			
ZZZZZZ			10:27																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: NOEQUIP Method: 150.1

Start Date: 03/16/2011 14:07 End Date: 03/16/2011 14:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
ICV 580-82397/1	1		14:07	X																			
580-24977-2	1	T	14:07	X																			
580-24977-2 DU	1	T	14:07	X																			
ZZZZZZ			14:07																				
ZZZZZZ			14:07																				
ZZZZZZ			14:07																				
ZZZZZZ			14:07																				
ZZZZZZ			14:07																				
ZZZZZZ			14:07																				
ZZZZZZ			14:07																				
ZZZZZZ			14:07																				
CCV 580-82397/12	1		14:07	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/16/2011 08:19 End Date: 03/16/2011 08:40

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			08:19																					
ZZZZZZ			08:19																					
ZZZZZZ			08:19																					
ZZZZZZ			08:40																					
ZZZZZZ			08:40																					
ZZZZZZ			08:40																					
ZZZZZZ			08:40																					
ZZZZZZ			08:40																					
ZZZZZZ			08:40																					
ZZZZZZ			08:40																					
ZZZZZZ			08:40																					
580-24977-1	1	T	08:40	X	X																			
ZZZZZZ			08:40																					

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82704 Batch Start Date: 03/22/11 10:01 Batch Analyst: Palmquist, Stan

Batch Method: 7.3.3 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	1000 ppm CN 00011			
MB 580-82704/1		7.3.3, 9014		5.0 g	125 mL				
LCS 580-82704/2		7.3.3, 9014		5.0 g	125 mL	0.5 mL			
580-24977-C-1	YK-IDW-Soil	7.3.3, 9014	T	5.02 g	125 mL				
580-24977-C-1 DU	YK-IDW-Soil	7.3.3, 9014	T	4.77 g	125 mL				
580-24977-C-1 MS	YK-IDW-Soil	7.3.3, 9014	T	5.40 g	125 mL	0.5 mL			
580-24977-C-1 MSD	YK-IDW-Soil	7.3.3, 9014	T	5.47 g	125 mL	0.5 mL			
580-24977-D-2	YK-IDW-GW	7.3.3, 9014	T	8.37 g	125 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82781 Batch Start Date: 03/23/11 09:32 Batch Analyst: Palmquist, Stan

Batch Method: 9014 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg					
MB 580-82704/1-A		9014		Not Calculated. Run Calculation is Blank					
LCS 580-82704/2-A		9014		Not Calculated. Run Calculation is Blank					
580-24977-C-1-A	YK-IDW-Soil	9014	T	Not Calculated. Run Calculation is Blank					
580-24977-C-1-B DU	YK-IDW-Soil	9014	T	Not Calculated. Run Calculation is Blank					
580-24977-C-1-C MS	YK-IDW-Soil	9014	T	Not Calculated. Run Calculation is Blank					
580-24977-C-1-D MSD	YK-IDW-Soil	9014	T	Not Calculated. Run Calculation is Blank					
580-24977-D-2-A	YK-IDW-GW	9014	T	Not Calculated. Run Calculation is Blank					

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82706 Batch Start Date: 03/22/11 10:06 Batch Analyst: Palmquist, Stan

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SulfideSPK 00009			
MB 580-82706/1		7.3.4, 9034		5.0 g	125 mL				
LCS 580-82706/2		7.3.4, 9034		5.0 g	125 mL	0.2 mL			
580-24977-C-1	YK-IDW-Soil	7.3.4, 9034	T	5.02 g	125 mL				
580-24977-C-1 DU	YK-IDW-Soil	7.3.4, 9034	T	4.77 g	125 mL				
580-24977-C-1 MS	YK-IDW-Soil	7.3.4, 9034	T	5.40 g	125 mL	0.2 mL			
580-24977-C-1 MSD	YK-IDW-Soil	7.3.4, 9034	T	5.47 g	125 mL	0.2 mL			
580-24977-D-2	YK-IDW-GW	7.3.4, 9034	T	8.37 g	125 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82397 Batch Start Date: 03/16/11 14:07 Batch Analyst: Hawn, Stevie

Batch Method: 150.1 Batch End Date: 03/16/11 14:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	pH 7 ICV 00002					
ICV 580-82397/1		150.1		50 mL					
CCV 580-82397/12		150.1		50 mL					

Batch Notes	
pH Buffer 1 ID	677625
pH Buffer 2 ID	677626
pH Buffer 3 ID	677627
Instrument ID	ph2

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-24977-1

SDG No.:

Batch Number: 82351 Batch Start Date: 03/16/11 08:19 Batch Analyst: Wooten, Kara K

Batch Method: Moisture Batch End Date: 03/16/11 13:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
580-24977-D-1	YK-IDW-Soil	Moisture	T	0.7416 g	6.9585 g	5.3835 g			

Batch Notes	
Balance ID	SEA216 No Unit
Date samples were place in the oven	3-16-11
Oven Temp when samples are put in oven	107.5 Degrees C
Time samples were place in the oven	8:53
Date samples were removed from oven	3-16-2011 EKK
Oven Temp when samples removed from oven	105.0 Degrees C
Time Samples were removed from oven	1325
Oven ID	TAC306
ID number of the thermometer	3A4823
Uncorrected In Temperature	106.5 Celsius
Uncorrected Out Temperature	104.0 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 580-24977-1

Login Number: 24977
List Number: 1
Creator: Gamble, Cathy

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	no
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	False	pH
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

DATA VALIDATION REPORT

GE Aviation – Yakima

Fifty-three soil samples, thirteen groundwater samples and associated quality assurance/quality control samples were collected from the GE Aviation Yakima Site between March 10 and 13, 2011. The samples were analyzed by Test America Laboratories, Inc., Tacoma, Washington for one or more of the following: volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) methods SW-846 5030B/8260B; semi-volatile organic compounds (SVOCs) by US EPA Method SW-846 8270C; polychlorinated biphenyls (PCBs) by US EPA Methods SW-846 3546/8082; and total metals by USEPA Methods SW-846 6020/7470A/7471A.

The analytical data were reviewed based on the results of the data evaluation parameters and/or the QC sample results provided by the laboratory.

VOCs

Sample Delivery Group (SDG) 580-24912-1

The method blank associated with all samples indicated detections of tetrachloroethene (8.95 micrograms per kilogram [µg/kg]), 4-isopropyltoluene (10.7 µg/kg), n-butylbenzene (13.4 µg/kg), and hexachlorobutadiene (28.2 µg/kg). Samples exhibiting detections of these analytes at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The surrogate spike recovery of ethylbenzene-d10 associated with sample YK-SB5(0-1) indicated a percent recovery (%R) outside the acceptance criteria with a high bias. None of the analytes associated with this surrogate were detected in the associated sample, therefore no qualifiers were issued.

The continuing calibration associated with the analysis of all samples indicated percent differences (%Ds) outside the acceptance criteria with high biases for 1,1,1,2-tetrachloroethane and tetrachloroethene. Neither of these analytes were detected in the associated samples, therefore no qualifiers were issued.

SDG 580-24938-1

The method blank associated with samples YK-SB08(0-1), YK-SB08(4-5), YK-SB14(0-1), YK-SB14(4-5), YK-SB06(0-1), YK-SB06(4-5), YK-SB15(0-1), YK-SB15(4-5), YK-Methanol Blank, YK-MW-6(4-5), YK-MW-6(4-5)D, YK-SB07(0-1), YK-MW-7(0-1), YK-MW-7(4-5), YK-MW-5(0-1), YK-MW-5(2-3), YK-SB16(01-), YK-SB16(3-4), YK-SB17(0-1), and YK-SB17(0-1)D indicated detections of tetrachloroethene (7.64 µg/kg), chloroform (17.5 µg/kg), chlorobenzene (16.7 µg/kg), and hexachlorobutadiene (28.7 µg/kg). Samples exhibiting detections of these analytes at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The method blank associated with samples YK-SB17(3-4), YK-SB18(0-1), YK-SB18(3-4), YK-MW-6(0-1), YK-SB07(3-4), YK-SB01(0-1), YK-SB01(4-5), YK-SB02(0-1), YK-SB02(3-4), YK-SB03(0-1), YK-SB03(3-4), YK-SB04(0-1), YK-SB04(4-5), YK-SB13(0-1), YK-SB13(7-8), YK-SB11(0-1), YK-SB11(3-4), YK-SB12(0-1), YK-SB10(0-1), and YK-Methanol Blank indicated detections of tetrachloroethene (7.59 µg/kg) and hexachlorobutadiene (24.8 µg/kg). Samples exhibiting detections of these analytes at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The surrogate spike recovery of ethylbenzene-d10 associated with samples YK-SB06(0-1), YK-SB15(4-5), YK-MW-6(4-5)D, YK-MW-6(0-1), YK-SB01(0-1), YK-SB04(4-5), and YK-SB10(0-1) indicated a %R outside the acceptance criteria with a high bias. None of the analytes associated with this surrogate were detected in the associated sample, therefore no qualifiers were issued.

The laboratory control sample (LCS) associated with all samples indicated a %R outside the acceptance criteria with a high bias for chlorobenzene. Chlorobenzene was not detected in any of the associated samples, therefore no qualifiers were issued.

The continuing calibration associated with the analysis of samples YK-SB08(0-1), YK-SB08(4-5), YK-SB14(0-1), YK-SB14(4-5), YK-SB06(0-1), YK-SB06(4-5), YK-SB15(0-1), YK-SB15(4-5), YK-Methanol Blank, YK-MW-6(4-5), YK-MW-6(4-5)D, YK-SB07(0-1), YK-MW-7(0-1), YK-MW-7(4-5), and YK-SB17(3-4) indicated %Ds outside the acceptance criteria with high biases for: trans-1,3-dichloropropene; ethylbenzene; and 1, 1,1,2-tetrachloroethane. None of these analytes were detected in the associated samples, therefore no qualifiers were issued.

The continuing calibration associated with the analysis of samples YK-MW-5(0-1), YK-MW-5(2-3), YK-SB16(01-), YK-SB16(3-4), YK-SB17(0-1), and YK-SB17(0-1)D indicated a %D outside the acceptance criteria with a high bias for tetrachloroethene. Tetrachloroethene was not detected in the associated samples, therefore no qualifiers were issued. The same continuing calibration indicated a %D outside the acceptance criteria with a low bias for 2,2-dichloropropane. Therefore, the associated samples were qualified "J" as estimated for 2,2-dichloropropane.

The continuing calibration associated with the analysis of samples YK-SB18(0-1), YK-SB18(3-4), YK-MW-6(0-1), YK-SB07(3-4), YK-SB01(0-1), YK-SB01(4-5), YK-SB02(0-1), YK-SB02(3-4), YK-SB03(0-1), YK-SB03(3-4), YK-SB04(0-1), YK-SB04(4-5), YK-SB13(0-1), YK-SB13(7-8), YK-SB11(0-1), YK-SB11(3-4), YK-SB12(0-1), YK-SB10(0-1), and YK-Methanol Blank indicated %Ds outside the acceptance criteria with high biases for tetrachloroethene and 1,1,1,2-tetrachloroethane. Samples exhibiting detections of these compounds were qualified "J" as estimated.

SDG 580-24953-1

Sample YK-Equipment Blank (collected 3/13/11) indicated detections of methylene chloride (11 micrograms per liter [µg/L]) and toluene (0.12 µg/L). Therefore, samples with the same collection date that indicated detections of these compounds were qualified "B" indicating blank contamination.

SVOCs

SDG 580-24912-1

The matrix spike/matrix spike duplicate (MS/MSD) associated with sample YK-SB09(4-5) indicated %Rs outside the acceptance criteria with low biases for: benzoic acid; 2,4-dinitrophenol; n-nitrosodiphenylamine; hexachlorobenzne; phenanthrene; anthracene; di-n-butylphthalate; 3,3'-dichlorobenzidine; benzo(a)anthracene; chrysene; benzo(a)pyrene; indeno(1,2,3-cd)pyrene; benzo(g,h,i)perylene; carbazole; benzo(b)fluoranthene; and benzo(k)fluoranthene. Therefore, the associated sample was qualified "J" as estimated for these analytes.

The continuing calibration associated with samples YK-MW3(4-5), YK-MW4(0-1), YK-MW-4(4-5), YK-SB5(0-1), AND YK-SB05(5-6) indicated a %D outside the acceptance criteria with a high bias for 3,3'-dichlorobenzidine. This analyte was not detected in the associated samples, therefore no qualifiers were issued.

SDG 580-24938-1

The method blank associated with samples YK-SB08(0-1), YK-SB08(4-5), YK-SB14(0-1), YK-SB14(4-5), YK-SB06(0-1), YK-SB06(4-5), YK-SB15(0-1), YK-SB15(4-5), YK-Methanol Blank, YK-MW-6(4-5), YK-MW-6(4-5)D, YK-SB07(0-1), YK-MW-7(0-1), YK-MW-7(4-5), YK-MW-5(0-1), YK-MW-5(2-3), YK-SB16(01-), YK-SB16(3-4), YK-SB17(0-1), and YK-SB17(0-1)D indicated a detection of diethyl phthalate (41.2 µg/kg). Samples exhibiting detections of this analyte at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The surrogate spike recovery of nitrobenzene-d5 associated with sample YK-SB17(3-4) indicated a %R outside the acceptance criteria with a high bias. No analytes were detected in the associated sample, therefore no qualifiers were issued.

The LCS associated with samples YK-SB08(0-1), YK-SB08(4-5), YK-SB14(0-1), YK-SB14(4-5), YK-SB06(0-1), YK-SB06(4-5), YK-SB15(0-1), YK-SB15(4-5), YK-Methanol Blank, YK-MW-6(4-5), YK-MW-6(4-5)D, YK-SB07(0-1), YK-MW-7(0-1), YK-MW-7(4-5), YK-MW-5(0-1), YK-MW-5(2-3), YK-SB16(01-), YK-SB16(3-4), YK-SB17(0-1), and YK-SB17(0-1)D indicated %Rs outside the acceptance criteria with high biases for isophorone and 2, 4-dinitrotoluene. Neither of these analytes were detected in the associated samples, therefore no qualifiers were issued. The same LCS indicated %Rs outside the acceptance criteria with low biases for n-nitrosodiphenylamine and 3,3'-dichlorobenzidine. Therefore, the associated samples were qualified "J" as estimated for these analytes.

The LCS associated with samples YK-SB17(3-4), YK-SB18(0-1), YK-SB18(3-4), YK-MW-6(0-1), YK-SB07(3-4), YK-SB01(0-1), YK-SB01(4-5), YK-SB02(0-1), YK-SB02(3-4), YK-SB03(0-1), YK-SB03(3-4), YK-SB04(0-1), YK-SB04(4-5), YK-SB13(0-1), YK-SB13(7-8), YK-SB11(0-1), YK-SB11(3-4), YK-SB12(0-1), YK-SB10(0-1), and YK-Methanol Blank indicated a %R outside the acceptance criteria with a high bias for isophorone. Isophorone was not detected in the associated samples, therefore no qualifiers were issued.

The MS/MSD associated with sample YK-SB14(4-5) indicated %Rs outside the acceptance criteria for a vast majority of analytes. Therefore, the associated sample was qualified "J" as estimated for all analytes.

The MS/MSD associated with sample YK-SB18(0-1) indicated %Rs outside the acceptance criteria with high biases for: 2-methylphenol; nitrobenzene; isophorone; 2, 6,-dinitrotoluene; and 2,4-dinitrotoluene. None of these analytes were detected in the associated sample, therefore no qualifiers were issued. The same MS/MSD indicated %Rs outside the acceptance criteria with low biases for: benzoic acid; 2,4-dinitrophenol; 2,4-dinitro-2-methylphenol; n-nitrosodiphenylamine; chrysene; benzo(g,h,i)perylene; carbazole; and benzo(b)fluoranthene. Therefore, the associated sample was qualified "J" as estimated for these analytes.

The continuing calibration associated with samples YK-SB08(0-1), YK-SB08(4-5), YK-SB14(0-1), YK-SB14(4-5), YK-SB06(0-1), YK-SB06(4-5), YK-SB15(0-1), YK-SB15(4-5), YK-MW-6(4-5), YK-MW-6(4-5)D, YK-SB07(0-1), YK-MW-7(0-1), YK-MW-7(4-5), YK-MW-5(0-1), YK-MW-5(2-3), YK-SB16(01-), YK-SB16(3-4), YK-SB17(0-1), and YK-SB17(0-1)D indicated a %D outside the acceptance criteria with a high bias for 2-nitroaniline. This analyte was not detected in the associated samples, therefore no qualifiers were issued.

The continuing calibration associated with samples YK-SB17(3-4), YK-SB18(0-1), YK-SB18(3-4), YK-MW-6(0-1), YK-SB07(3-4), YK-SB01(0-1), YK-SB01(4-5), YK-SB02(0-1), YK-SB02(3-4), YK-SB03(0-1), YK-SB03(3-4), YK-SB04(0-1), YK-SB04(4-5), YK-SB13(0-1), YK-SB13(7-8), YK-SB11(0-1), YK-SB11(3-4), YK-SB12(0-1), and YK-SB10(0-1) indicated a %D outside the acceptance criteria with a high bias for 3,3'-dichlorobenzidine. This analyte was not detected in the associated samples, therefore no qualifiers were issued.

SDG 580-24953-1

The surrogate spike recoveries of 2,4,6-tribromophenol and terphenyl-d8 associated with sample YK-MW7 indicated %Rs outside the acceptance criteria with low biases. According to the laboratory, the anomalies were due to matrix interference. Therefore, no qualifiers were issued.

The LCS associated with samples Irrigation Well, YK-MW-A, YK-MW-B, and YK-MW-1 indicated a %R outside the acceptance criteria with a high bias for nitrobenzene. Nitrobenzene was not detected in any of the associated samples, therefore no qualifiers were issued.

The MS/MSD associated with sample YK-MW-2 indicated %Rs outside the acceptance criteria with high biases for: nitrobenzene; isophorone; hexachloroethane; 2-nitroaniline; 2,4-dinitrotoluene; and 2,6-dinitrotoluene. None of these analytes were detected in the associated sample, therefore no qualifiers were issued.

PCBs

SDG 580-24912-1

The surrogate spike recovery of decachlorobiphenyl associated with sample YK-MW-3(0-1) indicated a %R outside the acceptance criteria with a low bias. According to the laboratory, the anomaly was due to matrix interference. All secondary source surrogates were within acceptance criteria. Therefore, no qualifiers were issued.

SDG 580-24938-1

The surrogate spike recovery of decachlorobiphenyl associated with a majority of samples indicated %Rs outside the acceptance criteria. According to the laboratory, the anomalies were due to matrix interference. Therefore, no qualifiers were issued.

The continuing calibration associated with samples YK-SB08(0-1), YK-SB08(4-5), YK-SB14(0-1), YK-SB14(4-5), YK-SB06(0-1), YK-SB06(4-5), YK-MW-6(4-5), YK-MW-6(4-5)D, YK-SB07(0-1), YK-MW-7(0-1), YK-MW-7(4-5), YK-MW-5(0-1), YK-MW-5(2-3), YK-SB16(01-), YK-SB16(3-4), and YK-SB17(0-1) indicated %Ds outside the acceptance criteria with low biases for PCB-1016 and PCB-1260. Therefore, the associated samples were qualified "J" as estimated for these analytes.

The continuing calibration associated with samples YK-SB15(0-1), YK-SB15(4-5), and YK-SB17(0-1)D indicated %Ds outside the acceptance criteria with low biases for PCB-1016, PCB-1221, PCB-1254, and PCB-1260. Therefore, the associated samples were qualified "J" as estimated for these analytes.

SDG 580-24953-1

The surrogate spike recovery of decachlorobiphenyl associated with samples YK-MW5 and YK-Equipment Blank indicated %Rs outside the acceptance criteria with low biases. According to the laboratory, the anomalies were due to matrix interference. All secondary source surrogates were within acceptance criteria. Therefore, no qualifiers were issued.

Metals

SDG 580-24912-1

The method blank associated with all samples indicated a detection of molybdenum (0.058 milligrams per kilogram [mg/kg]). Samples exhibiting detections of

molybdenum at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The MS/MSD associated with sample YK-MW-1(0-1) indicated %Rs outside the acceptance criteria with low biases for antimony and barium. Therefore, the associated sample was qualified "J" as estimated for these analytes.

The post digestion spike (PDS) associated with sample YK-MW-1(0-1) indicated a %R outside the acceptance criteria with a low bias for antimony. Therefore, the associated sample was qualified "J" as estimated for antimony.

The matrix duplicate associated with sample YK-MW-1(0-1) indicated %Ds outside the acceptance criteria for arsenic, chromium, copper, lead, nickel, and zinc. Therefore, the associated sample was qualified "J" as estimated for these analytes.

SDG 580-24938-1

The method blank associated with samples YK-SB08(0-1), YK-SB08(4-5), YK-SB14(0-1), YK-SB14(4-5), YK-SB06(0-1), YK-SB06(4-5), YK-SB15(0-1), YK-SB15(4-5), YK-MW-6(4-5), YK-MW-6(4-5)D, YK-SB07(0-1), YK-MW-7(0-1), YK-MW-7(4-5), YK-MW-5(0-1), YK-MW-5(2-3), YK-SB16(01-), YK-SB16(3-4), YK-SB17(0-1), and YK-SB17(0-1)D indicated detections of antimony (0.0125 mg/kg) and tin (0.0185 mg/kg). Samples exhibiting detections of these analytes at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The method blank associated with samples YK-SB17(3-4), YK-SB18(0-1), YK-SB18(3-4), YK-MW-6(0-1), YK-SB07(3-4), YK-SB01(0-1), YK-SB01(4-5), YK-SB02(0-1), YK-SB02(3-4), YK-SB03(0-1), YK-SB03(3-4), YK-SB04(0-1), YK-SB04(4-5), YK-SB13(0-1), YK-SB13(7-8), YK-SB11(0-1), YK-SB11(3-4), YK-SB12(0-1), and YK-SB10(0-1) indicated detections of barium (0.013 mg/kg), tin (0.022 mg/kg), and zinc (0.339 mg/kg). Samples exhibiting detections of these analytes at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The MS/MSD associated with sample YK-SB08(0-1) indicated a %R outside the acceptance criteria with a low bias for barium. Therefore, the associated sample was qualified "J" as estimated for barium.

SDG 580-24953-1

The method blanks associated with all samples indicated detections of tin (0.00018 milligrams per liter [mg/L]), zinc (0.00278 mg/L), and mercury (0.000061 mg/L). Samples exhibiting detections of these analytes at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The serial dilution associated with sample YK-MW-2 indicated a %D outside the acceptance criteria for copper. The parent sample result for copper was less than the reporting limit. Therefore, no qualifiers were issued.

The matrix duplicate associated with sample YK-MW-2 indicated a %D outside the acceptance criteria for selenium. The parent sample result for selenium was less than the control limits. Therefore, no qualifiers were issued.

Based on the results of this data validation, all data for the GE Aviation Yakima Site are considered complete and valid as qualified.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

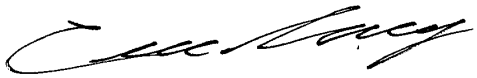
ANALYTICAL REPORT

Job Number: 580-26534-1

Job Description: GE Yakima - Yakima, WA

For:
MWH Americas Inc
5100 SW Macadam Ave.
Ste 420
Portland, OR 97239

Attention: Mr. Joseph M Rock



Approved for release.
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6/17/2011 4:15 PM

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06/17/2011

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This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

Table of Contents

Cover Title Page 1

Data Summaries 5

- Report Narrative 5
- Manual Integration Summary 7
- Sample Summary 8
- Method Summary 9
- Sample Datasheets 10
- Surrogate Summary 32
- QC Data Summary 33
- Data Qualifiers 50
- QC Association Summary 51
- Lab Chronicle 54
- Certification Summary 59

Organic Sample Data 60

- GC/MS VOA 60
  - Method 8260B 60
    - Method 8260B QC Summary 61
    - Method 8260B Sample Data 77
    - Standards Data 89
      - Method 8260B ICAL Data 89
      - Method 8260B CCAL Data 113
    - Raw QC Data 129
      - Method 8260B Blank Data 129
      - Method 8260B LCS/LCSD Data 133
    - Method 8260B Run Logs 137

Inorganic Sample Data 141

Table of Contents

Metals Data 141

Met Cover Page 142

Met Sample Data 143

Met QC Data 153

Met ICV/CCV 153

Met CRQL 157

Met Blanks 158

Met ICSA/ICSAB 163

Met MS/MSD/PDS 166

Met Dup/Trip 169

Met LCS/LCSD 170

Met Serial Dilution 176

Met MDL 177

Met Linear Ranges 181

Met Preparation Log 182

Met Analysis Run Log 184

Met ICP/MS Int Stds 189

Met Prep Data 192

General Chemistry Data 196

Gen Chem Cover Page 197

Gen Chem Sample Data 198

Gen Chem QC Data 203

Gen Chem ICV/CCV 203

Gen Chem Blanks 204

Gen Chem MS/MSD/PDS 205

Gen Chem Duplicates 206

Table of Contents

Gen Chem LCS/LCSD 207
Gen Chem MDL 208
Gen Chem Analysis Run Log 210
Gen Chem Prep Data 211
Shipping and Receiving Documents 212
Client Chain of Custody 213
Sample Receipt Checklist 214

CASE NARRATIVE

Client: MWH Americas Inc

Project: GE Yakima - Yakima, WA

Report Number: 580-26534-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interferences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 06/03/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples EWB-060211 (580-26534-1), EB-060211 (580-26534-2), MW-05-060211 (580-26534-3), MW-07-060211 (580-26534-4), DUP-060211 (580-26534-5) and TB-060211 (580-26534-6) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/09/2011 and 06/16/2011.

No difficulties were encountered during the VOC analyses.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples EWB-060211 (580-26534-1), EB-060211 (580-26534-2), MW-05-060211 (580-26534-3), MW-07-060211 (580-26534-4) and DUP-060211 (580-26534-5) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared and analyzed on 06/14/2011.

Tin was detected in method blank MB 580-87431/9-C at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples EWB-060211 (580-26534-1), EB-060211 (580-26534-2), MW-05-060211 (580-26534-3), MW-07-060211 (580-26534-4) and DUP-060211 (580-26534-5) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 06/03/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples EWB-060211 (580-26534-1), EB-060211 (580-26534-2), MW-05-060211 (580-26534-3), MW-07-060211 (580-26534-4) and DUP-060211 (580-26534-5) were analyzed for Hexavalent chromium in accordance with SM19 3500 CR D. The samples were analyzed on 06/03/2011.

Samples EWB-060211 (580-26534-1) and DUP-060211 (580-26534-5) were received with insufficient time to complete the requested analysis within required holding times. Samples qualified “H”.

No difficulties were encountered during the Hexavalent chromium analyses.

All quality control parameters were within the acceptance limits.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: TAC001 Analysis Batch Number: 87392

Lab Sample ID: STD20 580-87392/7 IC Client Sample ID:

Date Analyzed: 06/07/11 15:54 Lab File ID: G3015369.D GC Column: ZB-624short ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	1.67	Baseline	theisenm	06/08/11 10:58

SAMPLE SUMMARY

Client: MWH Americas Inc

Job Number: 580-26534-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-26534-1	EWB-060211	Water	06/02/2011 0945	06/03/2011 0900
580-26534-2	EB-060211	Water	06/02/2011 1126	06/03/2011 0900
580-26534-3	MW-05-060211	Water	06/02/2011 1429	06/03/2011 0900
580-26534-4	MW-07-060211	Water	06/02/2011 1658	06/03/2011 0900
580-26534-5	DUP-060211	Water	06/02/2011 0000	06/03/2011 0900
580-26534-6	TB-060211	Water	06/02/2011 0945	06/03/2011 0900

METHOD SUMMARY

Client: MWH Americas Inc

Job Number: 580-26534-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SEA	SW846 8260B	
Purge and Trap	TAL SEA		SW846 5030B
Metals (ICP/MS)	TAL SEA	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SEA		SW846 3005A
Mercury (CVAA)	TAL SEA	SW846 7470A	
Preparation, Mercury	TAL SEA		SW846 7470A
Chromium, Hexavalent	TAL SEA	SM SM 3500 CR D	

Lab References:

TAL SEA = TestAmerica Seattle

Method References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **EWB-060211**

Lab Sample ID: 580-26534-1
Client Matrix: Water

Date Sampled: 06/02/2011 0945
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015432.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2114			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2114				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	0.15	J	0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-26534-1

Client Sample ID: **EWB-060211**

Lab Sample ID: 580-26534-1 | Date Sampled: 06/02/2011 0945
Client Matrix: Water | Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015432.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2114			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2114				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	95		80 - 120
Toluene-d8 (Surr)	85		85 - 120
Ethylbenzene-d10	84		80 - 120
4-Bromofluorobenzene (Surr)	85		75 - 120
Trifluorotoluene (Surr)	107		80 - 120

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **EB-060211**

Lab Sample ID: 580-26534-2
Client Matrix: Water

Date Sampled: 06/02/2011 1126
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015433.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2139			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **EB-060211**

Lab Sample ID: 580-26534-2
Client Matrix: Water

Date Sampled: 06/02/2011 1126
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015433.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2139			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	95		80 - 120
Toluene-d8 (Surr)	86		85 - 120
Ethylbenzene-d10	88		80 - 120
4-Bromofluorobenzene (Surr)	92		75 - 120
Trifluorotoluene (Surr)	110		80 - 120

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **MW-05-060211**

Lab Sample ID: 580-26534-3
Client Matrix: Water

Date Sampled: 06/02/2011 1429
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015434.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2203			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2203				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	0.23	J	0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **MW-05-060211**

Lab Sample ID: 580-26534-3
Client Matrix: Water

Date Sampled: 06/02/2011 1429
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015434.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2203			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2203				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		80 - 120
Toluene-d8 (Surr)	92		85 - 120
Ethylbenzene-d10	86		80 - 120
4-Bromofluorobenzene (Surr)	94		75 - 120
Trifluorotoluene (Surr)	104		80 - 120

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **MW-07-060211**

Lab Sample ID: 580-26534-4
Client Matrix: Water

Date Sampled: 06/02/2011 1658
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015435.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2228			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2228				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **MW-07-060211**

Lab Sample ID: 580-26534-4
Client Matrix: Water

Date Sampled: 06/02/2011 1658
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015435.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2228			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2228				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	97		80 - 120
Toluene-d8 (Surr)	89		85 - 120
Ethylbenzene-d10	87		80 - 120
4-Bromofluorobenzene (Surr)	92		75 - 120
Trifluorotoluene (Surr)	104		80 - 120

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **DUP-060211**

Lab Sample ID: 580-26534-5
Client Matrix: Water

Date Sampled: 06/02/2011 0000
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-88141	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015593.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/16/2011 1755	Run Type:	RA	Final Weight/Volume:	10 mL
Prep Date:	06/16/2011 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	0.22	J	0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **DUP-060211**

Lab Sample ID: 580-26534-5
Client Matrix: Water

Date Sampled: 06/02/2011 0000
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-88141	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015593.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/16/2011 1755	Run Type:	RA	Final Weight/Volume:	10 mL
Prep Date:	06/16/2011 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		80 - 120
Toluene-d8 (Surr)	92		85 - 120
Ethylbenzene-d10	93		80 - 120
4-Bromofluorobenzene (Surr)	96		75 - 120
Trifluorotoluene (Surr)	109		80 - 120

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **TB-060211**

Lab Sample ID: 580-26534-6
Client Matrix: Water

Date Sampled: 06/02/2011 0945
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015431.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2050			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **TB-060211**

Lab Sample ID: 580-26534-6
Client Matrix: Water

Date Sampled: 06/02/2011 0945
Date Received: 06/03/2011 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-87591	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3015431.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 2050			Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 2050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	97		80 - 120
Toluene-d8 (Surr)	90		85 - 120
Ethylbenzene-d10	86		80 - 120
4-Bromofluorobenzene (Surr)	99		75 - 120
Trifluorotoluene (Surr)	106		80 - 120

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **EWB-060211**

Lab Sample ID: 580-26534-1
Client Matrix: Water

Date Sampled: 06/02/2011 0945
Date Received: 06/03/2011 0900

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-87959	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-87862	Lab File ID:	053SMPL.D
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1651			Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.0017	J	0.00024	0.0020
Barium	0.059		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0016	J	0.00037	0.0020
Copper	0.00061	J	0.00015	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0015	J	0.00049	0.0040
Nickel	0.00061	J	0.00022	0.0020
Selenium	0.00043	J	0.00034	0.0020
Silver	0.0010	J	0.00015	0.0020
Tin	0.0016	J B	0.000089	0.0070
Zinc	0.0031	J	0.0020	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-87231	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1556			Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **EB-060211**

Lab Sample ID: 580-26534-2
Client Matrix: Water

Date Sampled: 06/02/2011 1126
Date Received: 06/03/2011 0900

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-87959	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-87862	Lab File ID:	052SMPL.D
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1646			Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.00024	0.0020
Barium	0.00053	J	0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.00037	0.0020
Copper	0.0013	J	0.00015	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND		0.00049	0.0040
Nickel	0.00039	J	0.00022	0.0020
Selenium	ND		0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.0017	J B	0.000089	0.0070
Zinc	0.0057	J	0.0020	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-87231	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1601			Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **MW-05-060211**

Lab Sample ID: 580-26534-3
Client Matrix: Water

Date Sampled: 06/02/2011 1429
Date Received: 06/03/2011 0900

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-87959	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-87862	Lab File ID:	051SMPL.
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1640			Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.0013	J	0.00024	0.0020
Barium	0.050		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0013	J	0.00037	0.0020
Copper	0.00060	J	0.00015	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0012	J	0.00049	0.0040
Nickel	0.0012	J	0.00022	0.0020
Selenium	0.00036	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.0026	J B	0.000089	0.0070
Zinc	0.0048	J	0.0020	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-87231	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1603			Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **MW-07-060211**

Lab Sample ID: 580-26534-4
Client Matrix: Water

Date Sampled: 06/02/2011 1658
Date Received: 06/03/2011 0900

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-87959	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-87862	Lab File ID:	070SMPL
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1816			Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.0014	J	0.00024	0.0020
Barium	0.056		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0012	J	0.00037	0.0020
Copper	0.00054	J	0.00015	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0013	J ^	0.00049	0.0040
Nickel	0.00075	J	0.00022	0.0020
Selenium	ND		0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.00033	J B	0.000089	0.0070
Zinc	0.0023	J	0.0020	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-87231	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1605			Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-26534-1

Client Sample ID: **DUP-060211**

Lab Sample ID: 580-26534-5
Client Matrix: Water

Date Sampled: 06/02/2011 0000
Date Received: 06/03/2011 0900

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-87959	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-87862	Lab File ID:	044SMPL.
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1605			Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	0.0014	J	0.00024	0.0020
Barium	0.052		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0014	J	0.00037	0.0020
Copper	0.00042	J	0.00015	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0012	J	0.00049	0.0040
Nickel	0.00056	J	0.00022	0.0020
Selenium	0.00041	J	0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.00088	J B	0.000089	0.0070
Zinc	0.0043	J	0.0020	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-87231	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1606			Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

General Chemistry

Client Sample ID: **EWB-060211**

Lab Sample ID: 580-26534-1 Date Sampled: 06/02/2011 0945

Client Matrix: Water Date Received: 06/03/2011 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND	H	mg/L	0.0060	0.010	1.0	SM 3500 CR

Analysis Batch: 580-87295 Analysis Date: 06/03/2011 1005

General Chemistry

Client Sample ID: **EB-060211**

Lab Sample ID: 580-26534-2 Date Sampled: 06/02/2011 1126

Client Matrix: Water Date Received: 06/03/2011 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR

Analysis Batch: 580-87295 Analysis Date: 06/03/2011 1005

General Chemistry

Client Sample ID: **MW-05-060211**

Lab Sample ID: 580-26534-3 Date Sampled: 06/02/2011 1429

Client Matrix: Water Date Received: 06/03/2011 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR

Analysis Batch: 580-87295 Analysis Date: 06/03/2011 1005

General Chemistry

Client Sample ID: **MW-07-060211**

Lab Sample ID: 580-26534-4 Date Sampled: 06/02/2011 1658

Client Matrix: Water Date Received: 06/03/2011 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR

Analysis Batch: 580-87295 Analysis Date: 06/03/2011 1005

General Chemistry

Client Sample ID: **DUP-060211**

Lab Sample ID: 580-26534-5 Date Sampled: 06/02/2011 0000

Client Matrix: Water Date Received: 06/03/2011 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND	H	mg/L	0.0060	0.010	1.0	SM 3500 CR

Analysis Batch: 580-87295 Analysis Date: 06/03/2011 1005

Client: MWH Americas Inc

Job Number: 580-26534-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FB %Rec	TFT %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-26534-1	EWB-060211	95	107	85	84	85
580-26534-2	EB-060211	95	110	86	88	92
580-26534-3	MW-05-060211	101	104	92	86	94
580-26534-4	MW-07-060211	97	104	89	87	92
580-26534-5 RA	DUP-060211 RA	101	109	92	93	96
580-26534-6	TB-060211	97	106	90	86	99
MB 580-87591/11		94	111	89	89	91
MB 580-88141/7		99	115	90	92	92
LCS 580-87591/12		99	110	87	101	93
LCS 580-88141/10		100	109	92	107	93
LCSD 580-87591/13		98	109	87	96	95
LCSD 580-88141/11		103	111	90	112	97

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: MWH Americas Inc

Job Number: 580-26534-1

Method Blank - Batch: 580-87591

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 580-87591/11	Analysis Batch:	580-87591	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3015425.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 1823	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 1823				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-26534-1

Method Blank - Batch: 580-87591

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 580-87591/11	Analysis Batch:	580-87591	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3015425.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 1823	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 1823				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Chlorotoluene	ND		0.15	1.0
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	94	80 - 120
Toluene-d8 (Surr)	89	85 - 120
Ethylbenzene-d10	89	80 - 120
4-Bromofluorobenzene (Surr)	91	75 - 120
Trifluorotoluene (Surr)	111	80 - 120

Client: MWH Americas Inc

Job Number: 580-26534-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-87591

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 580-87591/12	Analysis Batch:	580-87591	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3015426.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 1848	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 1848				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-87591/13	Analysis Batch:	580-87591	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3015427.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/09/2011 1912	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/09/2011 1912				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	114	118	70 - 130	4	30		
Benzene	105	104	80 - 120	1	30		
Trichloroethene	106	107	70 - 125	1	30		
Toluene	97	94	75 - 120	3	30		
Chlorobenzene	103	96	80 - 120	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	99	98	80 - 120
Toluene-d8 (Surr)	87	87	85 - 120
Ethylbenzene-d10	101	96	80 - 120
4-Bromofluorobenzene (Surr)	93	95	75 - 120
Trifluorotoluene (Surr)	110	109	80 - 120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-87591

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 580-87591/12	Units:	ug/L	LCSD Lab Sample ID:	LCSD 580-87591/13
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/09/2011 1848			Analysis Date:	06/09/2011 1912
Prep Date:	06/09/2011 1848			Prep Date:	06/09/2011 1912
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	20.1	20.1	22.8	23.7
Benzene	20.1	20.1	21.1	20.9
Trichloroethene	20.1	20.1	21.2	21.5
Toluene	20.1	20.1	19.5	18.9
Chlorobenzene	20.1	20.1	20.6	19.3

Client: MWH Americas Inc

Job Number: 580-26534-1

Method Blank - Batch: 580-88141

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 580-88141/7	Analysis Batch:	580-88141	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3015588.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/16/2011 1547	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/16/2011 1547				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-26534-1

Method Blank - Batch: 580-88141

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 580-88141/7	Analysis Batch:	580-88141	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3015588.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/16/2011 1547	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/16/2011 1547				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Chlorotoluene	ND		0.15	1.0
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	99	80 - 120
Toluene-d8 (Surr)	90	85 - 120
Ethylbenzene-d10	92	80 - 120
4-Bromofluorobenzene (Surr)	92	75 - 120
Trifluorotoluene (Surr)	115	80 - 120

Client: MWH Americas Inc

Job Number: 580-26534-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-88141

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 580-88141/10	Analysis Batch:	580-88141	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3015591.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/16/2011 1703	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/16/2011 1703				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-88141/11	Analysis Batch:	580-88141	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3015592.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	06/16/2011 1729	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	06/16/2011 1729				
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	120	120	70 - 130	0	30		
Benzene	107	111	80 - 120	4	30		
Trichloroethene	110	111	70 - 125	1	30		
Toluene	104	108	75 - 120	4	30		
Chlorobenzene	104	108	80 - 120	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	100	103	80 - 120
Toluene-d8 (Surr)	92	90	85 - 120
Ethylbenzene-d10	107	112	80 - 120
4-Bromofluorobenzene (Surr)	93	97	75 - 120
Trifluorotoluene (Surr)	109	111	80 - 120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-88141

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 580-88141/10	Units:	ug/L	LCSD Lab Sample ID:	LCSD 580-88141/11
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/16/2011 1703			Analysis Date:	06/16/2011 1729
Prep Date:	06/16/2011 1703			Prep Date:	06/16/2011 1729
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	20.1	20.1	24.1	24.1
Benzene	20.1	20.1	21.4	22.2
Trichloroethene	20.1	20.1	22.0	22.2
Toluene	20.1	20.1	20.9	21.7
Chlorobenzene	20.1	20.1	20.8	21.7

Method Blank - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 580-87431/9-C	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	037SMPL.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1530	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0950				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.00024	0.0020
Barium	ND		0.00027	0.0060
Beryllium	ND		0.00026	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.00037	0.0020
Copper	ND		0.00015	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND		0.00049	0.0040
Nickel	ND		0.00022	0.0020
Selenium	ND		0.00034	0.0020
Silver	ND		0.00015	0.0020
Tin	0.000235	J	0.000089	0.0070
Zinc	ND		0.0020	0.0070

LCS-Certified Reference Material - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCSSRM	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	040SMPL
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1545	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0951				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	3.00	2.81	94	80 - 120	
Arsenic	4.00	4.08	102	80 - 120	
Barium	4.00	3.90	98	80 - 120	
Beryllium	0.100	0.107	107	80 - 120	
Cadmium	0.100	0.106	106	80 - 120	
Chromium	0.400	0.400	100	80 - 120	
Copper	0.500	0.508	102	80 - 120	
Lead	1.00	1.01	101	80 - 120	
Molybdenum	5.00	5.08	102	80 - 120	
Nickel	1.00	1.01	101	80 - 120	
Selenium	4.00	3.94	99	80 - 120	
Silver	0.600	0.614	102	80 - 120	
Tin	5.00	4.96	99	80 - 120	
Zinc	1.00	1.00	100	80 - 120	

Client: MWH Americas Inc

Job Number: 580-26534-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 580-87862/24-A	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	038SMPL
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1535	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0950				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-87862/25-A	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	039SMPL
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1540	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0951				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Antimony	93	92	80 - 120	1	20		
Arsenic	101	100	80 - 120	1	20		
Barium	97	96	80 - 120	1	20		
Beryllium	100	92	80 - 120	8	20		
Cadmium	99	98	80 - 120	1	20		
Chromium	98	97	80 - 120	0	20		
Copper	102	101	80 - 120	1	20		
Lead	99	99	80 - 120	0	20		
Molybdenum	100	101	80 - 120	1	20		
Nickel	99	100	80 - 120	1	20		
Selenium	99	98	80 - 120	1	20		
Silver	100	100	80 - 120	0	20		
Tin	98	97	80 - 120	1	20		
Zinc	104	102	80 - 120	2	20		

Client: MWH Americas Inc

Job Number: 580-26534-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 580-87862/24-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 580-87862/25-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	50			Dilution:	50
Analysis Date:	06/14/2011 1535			Analysis Date:	06/14/2011 1540
Prep Date:	06/14/2011 0950			Prep Date:	06/14/2011 0951
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Antimony	3.00	3.00	2.78	2.75
Arsenic	4.00	4.00	4.06	4.00
Barium	4.00	4.00	3.87	3.84
Beryllium	0.100	0.100	0.0999	0.0923
Cadmium	0.100	0.100	0.0994	0.0983
Chromium	0.400	0.400	0.391	0.390
Copper	0.500	0.500	0.509	0.505
Lead	1.00	1.00	0.988	0.987
Molybdenum	5.00	5.00	5.01	5.03
Nickel	1.00	1.00	0.993	1.00
Selenium	4.00	4.00	3.96	3.90
Silver	0.600	0.600	0.601	0.599
Tin	5.00	5.00	4.91	4.86
Zinc	1.00	1.00	1.04	1.02

Client: MWH Americas Inc

Job Number: 580-26534-1

Post Digestion Spike - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	580-26534-5	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	048SMPL.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1625	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Antimony	ND		3.00	3.44	115	75 - 125	
Arsenic	0.0014	J	4.00	4.82	120	75 - 125	
Barium	0.052		4.00	4.76	118	75 - 125	
Beryllium	ND		0.100	0.118	118	75 - 125	
Cadmium	ND		0.100	0.121	121	75 - 125	
Chromium	0.0014	J	0.400	0.480	120	75 - 125	
Copper	0.00042	J	0.500	0.603	120	75 - 125	
Lead	ND		1.00	1.21	121	75 - 125	
Molybdenum	0.0012	J	5.00	6.08	122	75 - 125	
Nickel	0.00056	J	1.00	1.18	118	75 - 125	
Selenium	0.00041	J	4.00	4.72	118	75 - 125	
Silver	ND		0.600	0.724	121	75 - 125	
Tin	0.00088	J	5.00	5.83	117	75 - 125	
Zinc	0.0043	J	1.00	1.26	125	75 - 125	

Client: MWH Americas Inc

Job Number: 580-26534-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	580-26534-5	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	046SMP
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1615			Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				
Leach Date:	N/A				

MSD Lab Sample ID:	580-26534-5	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	047SMP
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1620			Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	96	101	80 - 120	5	20		
Arsenic	104	108	80 - 120	4	20		
Barium	100	104	80 - 120	4	20		
Beryllium	111	95	80 - 120	16	20		
Cadmium	103	103	80 - 120	0	20		
Chromium	103	104	80 - 120	2	20		
Copper	104	107	80 - 120	3	20		
Lead	102	106	80 - 120	4	20		
Molybdenum	102	109	80 - 120	6	20		
Nickel	101	105	80 - 120	3	20		
Selenium	102	105	80 - 120	2	20		
Silver	101	106	80 - 120	4	20		
Tin	97	102	80 - 120	4	20		
Zinc	104	108	80 - 120	4	20		

Client: MWH Americas Inc

Job Number: 580-26534-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	580-26534-5	Units: mg/L	
Client Matrix:	Water		
Dilution:	50		
Analysis Date:	06/14/2011 1615		
Prep Date:	06/14/2011 0939		
Leach Date:	N/A		

MSD Lab Sample ID:	580-26534-5	
Client Matrix:	Water	
Dilution:	50	
Analysis Date:	06/14/2011 1620	
Prep Date:	06/14/2011 0939	
Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Antimony	ND		3.00	3.00	2.87	3.02
Arsenic	0.0014	J	4.00	4.00	4.14	4.32
Barium	0.052		4.00	4.00	4.05	4.22
Beryllium	ND		0.100	0.100	0.111	0.0948
Cadmium	ND		0.100	0.100	0.103	0.103
Chromium	0.0014	J	0.400	0.400	0.412	0.419
Copper	0.00042	J	0.500	0.500	0.518	0.537
Lead	ND		1.00	1.00	1.02	1.06
Molybdenum	0.0012	J	5.00	5.00	5.12	5.45
Nickel	0.00056	J	1.00	1.00	1.02	1.05
Selenium	0.00041	J	4.00	4.00	4.10	4.20
Silver	ND		0.600	0.600	0.607	0.635
Tin	0.00088	J	5.00	5.00	4.86	5.08
Zinc	0.0043	J	1.00	1.00	1.04	1.08

Serial Dilution - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	580-26534-5	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	043SMPL.D
Dilution:	25	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1601	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Antimony	ND		ND	NC	10	
Arsenic	0.0014	J	ND	NC	10	
Barium	0.052		0.0505	3.6	10	
Beryllium	ND		ND	NC	10	
Cadmium	ND		ND	NC	10	
Chromium	0.0014	J	ND	NC	10	
Copper	0.00042	J	ND	NC	10	
Lead	ND		ND	NC	10	
Molybdenum	0.0012	J	ND	NC	10	
Nickel	0.00056	J	ND	NC	10	
Selenium	0.00041	J	ND	NC	10	
Silver	ND		ND	NC	10	
Tin	0.00088	J	0.00340	NC	10	J
Zinc	0.0043	J	ND	NC	10	

Duplicate - Batch: 580-87862

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	580-26534-5	Analysis Batch:	580-87959	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-87862	Lab File ID:	045SMPL.
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/14/2011 1611	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/14/2011 0939				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Antimony	ND		ND	NC	20	
Arsenic	0.0014	J	0.00139	0.4	20	J
Barium	0.052		0.0555	6	20	
Beryllium	ND		ND	NC	20	
Cadmium	ND		ND	NC	20	
Chromium	0.0014	J	0.00145	5	20	J
Copper	0.00042	J	0.000485	14	20	J
Lead	ND		0.000191	NC	20	J
Molybdenum	0.0012	J	0.00109	10	20	J
Nickel	0.00056	J	0.000546	2	20	J
Selenium	0.00041	J	0.000383	8	20	J
Silver	ND		ND	NC	20	
Tin	0.00088	J	0.000693	24	20	J
Zinc	0.0043	J	0.00902	71	20	

Client: MWH Americas Inc

Job Number: 580-26534-1

Method Blank - Batch: 580-87190

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 580-87190/14-A	Analysis Batch:	580-87231	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1541	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.000041	0.00020

LCS-Certified Reference Material - Batch: 580-87190

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCSSRM	Analysis Batch:	580-87231	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1546	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00200	0.00180	90	75 - 125	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-87190

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID:	LCS 580-87190/15-A	Analysis Batch:	580-87231	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1542	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-87190/16-A	Analysis Batch:	580-87231	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-87190	Lab File ID:	87190-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1544	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	06/03/2011 1236				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	88	87	80 - 120	2	20		

Client: MWH Americas Inc

Job Number: 580-26534-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-87190

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID:	LCS 580-87190/15-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 580-87190/16-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/03/2011 1542			Analysis Date:	06/03/2011 1544
Prep Date:	06/03/2011 1236			Prep Date:	06/03/2011 1236
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.00200	0.00200	0.00177	0.00174

Client: MWH Americas Inc

Job Number: 580-26534-1

Method Blank - Batch: 580-87295

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	MB 580-87295/3	Analysis Batch:	580-87295	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1005	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chromium, hexavalent	ND		0.0060	0.010

Lab Control Sample - Batch: 580-87295

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	LCS 580-87295/4	Analysis Batch:	580-87295	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1005	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chromium, hexavalent	0.200	0.208	104	90 - 110	

Matrix Spike - Batch: 580-87295

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	580-26534-1	Analysis Batch:	580-87295	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1005	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chromium, hexavalent	ND	0.200	0.211	106	85 - 115	

Client: MWH Americas Inc

Job Number: 580-26534-1

Duplicate - Batch: 580-87295

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	580-26534-1	Analysis Batch:	580-87295	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	06/03/2011 1005	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chromium, hexavalent	ND	ND	NC	25	

DATA REPORTING QUALIFIERS

Client: MWH Americas Inc Job Number: 580-26534-1

Lab Section	Qualifier	Description
GC/MS VOA		
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	H	Sample was prepped or analyzed beyond the specified holding time

Client: MWH Americas Inc

Job Number: 580-26534-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:580-87591					
LCS 580-87591/12	Lab Control Sample	T	Water	8260B	
LCSD 580-87591/13	Lab Control Sample Duplicate	T	Water	8260B	
MB 580-87591/11	Method Blank	T	Water	8260B	
580-26534-1	EWB-060211	T	Water	8260B	
580-26534-2	EB-060211	T	Water	8260B	
580-26534-3	MW-05-060211	T	Water	8260B	
580-26534-4	MW-07-060211	T	Water	8260B	
580-26534-6	TB-060211	T	Water	8260B	
Analysis Batch:580-88141					
LCS 580-88141/10	Lab Control Sample	T	Water	8260B	
LCSD 580-88141/11	Lab Control Sample Duplicate	T	Water	8260B	
MB 580-88141/7	Method Blank	T	Water	8260B	
580-26534-5RA	DUP-060211	T	Water	8260B	

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-26534-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-87190					
LCS 580-87190/15-A	Lab Control Sample	T	Water	7470A	
LCSD 580-87190/16-A	Lab Control Sample Duplicate	T	Water	7470A	
LCSSRM 580-87190/17-A	LCS-Certified Reference Material	T	Water	7470A	
MB 580-87190/14-A	Method Blank	T	Water	7470A	
580-26534-1	EWB-060211	T	Water	7470A	
580-26534-2	EB-060211	T	Water	7470A	
580-26534-3	MW-05-060211	T	Water	7470A	
580-26534-4	MW-07-060211	T	Water	7470A	
580-26534-5	DUP-060211	T	Water	7470A	
Analysis Batch:580-87231					
LCS 580-87190/15-A	Lab Control Sample	T	Water	7470A	580-87190
LCSD 580-87190/16-A	Lab Control Sample Duplicate	T	Water	7470A	580-87190
LCSSRM 580-87190/17-A	LCS-Certified Reference Material	T	Water	7470A	580-87190
MB 580-87190/14-A	Method Blank	T	Water	7470A	580-87190
580-26534-1	EWB-060211	T	Water	7470A	580-87190
580-26534-2	EB-060211	T	Water	7470A	580-87190
580-26534-3	MW-05-060211	T	Water	7470A	580-87190
580-26534-4	MW-07-060211	T	Water	7470A	580-87190
580-26534-5	DUP-060211	T	Water	7470A	580-87190
Prep Batch: 580-87862					
LCS 580-87862/24-A	Lab Control Sample	R	Water	3005A	
LCSD 580-87862/25-A	Lab Control Sample Duplicate	R	Water	3005A	
LCSSRM 580-87862/26-A	LCS-Certified Reference Material	R	Water	3005A	
MB 580-87431/9-C	Method Blank	R	Water	3005A	
580-26534-1	EWB-060211	R	Water	3005A	
580-26534-2	EB-060211	R	Water	3005A	
580-26534-3	MW-05-060211	R	Water	3005A	
580-26534-4	MW-07-060211	R	Water	3005A	
580-26534-5	DUP-060211	R	Water	3005A	
580-26534-5DU	Duplicate	R	Water	3005A	
580-26534-5MS	Matrix Spike	R	Water	3005A	
580-26534-5MSD	Matrix Spike Duplicate	R	Water	3005A	

Client: MWH Americas Inc

Job Number: 580-26534-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-87959					
LCS 580-87862/24-A	Lab Control Sample	R	Water	6020	580-87862
LCSD 580-87862/25-A	Lab Control Sample Duplicate	R	Water	6020	580-87862
LCSSRM 580-87862/26-A	LCS-Certified Reference Material	R	Water	6020	580-87862
MB 580-87431/9-C	Method Blank	R	Water	6020	580-87862
580-26534-1	EWB-060211	R	Water	6020	580-87862
580-26534-2	EB-060211	R	Water	6020	580-87862
580-26534-3	MW-05-060211	R	Water	6020	580-87862
580-26534-4	MW-07-060211	R	Water	6020	580-87862
580-26534-5	DUP-060211	R	Water	6020	580-87862
580-26534-5DU	Duplicate	R	Water	6020	580-87862
580-26534-5MS	Matrix Spike	R	Water	6020	580-87862
580-26534-5MSD	Matrix Spike Duplicate	R	Water	6020	580-87862

Report Basis

R = Total Recoverable

T = Total

General Chemistry					
Analysis Batch:580-87295					
LCS 580-87295/4	Lab Control Sample	T	Water	SM 3500 CR D	
MB 580-87295/3	Method Blank	T	Water	SM 3500 CR D	
580-26534-1	EWB-060211	T	Water	SM 3500 CR D	
580-26534-1DU	Duplicate	T	Water	SM 3500 CR D	
580-26534-1MS	Matrix Spike	T	Water	SM 3500 CR D	
580-26534-2	EB-060211	T	Water	SM 3500 CR D	
580-26534-3	MW-05-060211	T	Water	SM 3500 CR D	
580-26534-4	MW-07-060211	T	Water	SM 3500 CR D	
580-26534-5	DUP-060211	T	Water	SM 3500 CR D	

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-26534-1

Laboratory Chronicle

Lab ID: 580-26534-1 **Client ID:** EWB-060211

Sample Date/Time: 06/02/2011 09:45 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-26534-A-1		580-87591		06/09/2011 21:14	1	TAL SEA	MAT
A:8260B	580-26534-A-1		580-87591		06/09/2011 21:14	1	TAL SEA	MAT
P:3005A	580-26534-E-1-B		580-87959	580-87862	06/14/2011 09:39	5	TAL SEA	ZF
A:6020	580-26534-E-1-B		580-87959	580-87862	06/14/2011 16:51	5	TAL SEA	FCW
P:7470A	580-26534-E-1-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	580-26534-E-1-A		580-87231	580-87190	06/03/2011 15:56	1	TAL SEA	FCW
A:SM 3500 CR D	580-26534-D-1		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Lab ID: 580-26534-1 MS **Client ID:** EWB-060211

Sample Date/Time: 06/02/2011 09:45 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 3500 CR D	580-26534-D-1 MS		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Lab ID: 580-26534-1 DU **Client ID:** EWB-060211

Sample Date/Time: 06/02/2011 09:45 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 3500 CR D	580-26534-D-1 DU		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Lab ID: 580-26534-2 **Client ID:** EB-060211

Sample Date/Time: 06/02/2011 11:26 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-26534-A-2		580-87591		06/09/2011 21:39	1	TAL SEA	MAT
A:8260B	580-26534-A-2		580-87591		06/09/2011 21:39	1	TAL SEA	MAT
P:3005A	580-26534-E-2-B		580-87959	580-87862	06/14/2011 09:39	5	TAL SEA	ZF
A:6020	580-26534-E-2-B		580-87959	580-87862	06/14/2011 16:46	5	TAL SEA	FCW
P:7470A	580-26534-E-2-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	580-26534-E-2-A		580-87231	580-87190	06/03/2011 16:01	1	TAL SEA	FCW
A:SM 3500 CR D	580-26534-D-2		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Client: MWH Americas Inc Job Number: 580-26534-1

Laboratory Chronicle

Lab ID: 580-26534-3 **Client ID:** MW-05-060211

Sample Date/Time: 06/02/2011 14:29 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-26534-A-3		580-87591		06/09/2011 22:03	1	TAL SEA	MAT
A:8260B	580-26534-A-3		580-87591		06/09/2011 22:03	1	TAL SEA	MAT
P:3005A	580-26534-E-3-B		580-87959	580-87862	06/14/2011 09:39	5	TAL SEA	ZF
A:6020	580-26534-E-3-B		580-87959	580-87862	06/14/2011 16:40	5	TAL SEA	FCW
P:7470A	580-26534-E-3-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	580-26534-E-3-A		580-87231	580-87190	06/03/2011 16:03	1	TAL SEA	FCW
A:SM 3500 CR D	580-26534-D-3		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Lab ID: 580-26534-4 **Client ID:** MW-07-060211

Sample Date/Time: 06/02/2011 16:58 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-26534-A-4		580-87591		06/09/2011 22:28	1	TAL SEA	MAT
A:8260B	580-26534-A-4		580-87591		06/09/2011 22:28	1	TAL SEA	MAT
P:3005A	580-26534-E-4-B		580-87959	580-87862	06/14/2011 09:39	5	TAL SEA	ZF
A:6020	580-26534-E-4-B		580-87959	580-87862	06/14/2011 18:16	5	TAL SEA	FCW
P:7470A	580-26534-E-4-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	580-26534-E-4-A		580-87231	580-87190	06/03/2011 16:05	1	TAL SEA	FCW
A:SM 3500 CR D	580-26534-D-4		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Lab ID: 580-26534-5 **Client ID:** DUP-060211

Sample Date/Time: 06/02/2011 00:00 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-26534-C-5	RA	580-88141		06/16/2011 17:55	1	TAL SEA	MAT
A:8260B	580-26534-C-5	RA	580-88141		06/16/2011 17:55	1	TAL SEA	MAT
P:3005A	580-26534-E-5-B		580-87959	580-87862	06/14/2011 09:39	5	TAL SEA	ZF
A:6020	580-26534-E-5-B		580-87959	580-87862	06/14/2011 16:05	5	TAL SEA	FCW
P:7470A	580-26534-E-5-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	580-26534-E-5-A		580-87231	580-87190	06/03/2011 16:06	1	TAL SEA	FCW
A:SM 3500 CR D	580-26534-D-5		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Lab ID: 580-26534-5 MS **Client ID:** DUP-060211

Sample Date/Time: 06/02/2011 00:00 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-26534-E-5-D MS		580-87959	580-87862	06/14/2011 09:39	50	TAL SEA	ZF
A:6020	580-26534-E-5-D MS		580-87959	580-87862	06/14/2011 16:15	50	TAL SEA	FCW

Client: MWH Americas Inc Job Number: 580-26534-1

Laboratory Chronicle

Lab ID: 580-26534-5 MSD **Client ID: DUP-060211**

Sample Date/Time: 06/02/2011 00:00 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-26534-E-5-E MSD		580-87959	580-87862	06/14/2011 09:39	50	TAL SEA	ZF
A:6020	580-26534-E-5-E MSD		580-87959	580-87862	06/14/2011 16:20	50	TAL SEA	FCW

Lab ID: 580-26534-5 DU **Client ID: DUP-060211**

Sample Date/Time: 06/02/2011 00:00 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-26534-E-5-C DU		580-87959	580-87862	06/14/2011 09:39	5	TAL SEA	ZF
A:6020	580-26534-E-5-C DU		580-87959	580-87862	06/14/2011 16:11	5	TAL SEA	FCW

Lab ID: 580-26534-5 SD **Client ID: DUP-060211**

Sample Date/Time: 06/02/2011 00:00 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-26534-E-5-B SD		580-87959	580-87862	06/14/2011 09:39	25	TAL SEA	ZF
A:6020	580-26534-E-5-B SD		580-87959	580-87862	06/14/2011 16:01	25	TAL SEA	FCW
P:3005A	580-26534-E-5-B PDS		580-87959	580-87862	06/14/2011 09:39	50	TAL SEA	ZF
A:6020	580-26534-E-5-B PDS		580-87959	580-87862	06/14/2011 16:25	50	TAL SEA	FCW

Lab ID: 580-26534-6 **Client ID: TB-060211**

Sample Date/Time: 06/02/2011 09:45 Received Date/Time: 06/03/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-26534-A-6		580-87591		06/09/2011 20:50	1	TAL SEA	MAT
A:8260B	580-26534-A-6		580-87591		06/09/2011 20:50	1	TAL SEA	MAT

Client: MWH Americas Inc Job Number: 580-26534-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 580-87591/11		580-87591		06/09/2011 18:23	1	TAL SEA	MAT
A:8260B	MB 580-87591/11		580-87591		06/09/2011 18:23	1	TAL SEA	MAT
P:5030B	MB 580-88141/7		580-88141		06/16/2011 15:47	1	TAL SEA	MAT
A:8260B	MB 580-88141/7		580-88141		06/16/2011 15:47	1	TAL SEA	MAT
P:3005A	MB 580-87431/9-C		580-87959	580-87862	06/14/2011 09:50	5	TAL SEA	ZF
A:6020	MB 580-87431/9-C		580-87959	580-87862	06/14/2011 15:30	5	TAL SEA	FCW
P:7470A	MB 580-87190/14-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	MB 580-87190/14-A		580-87231	580-87190	06/03/2011 15:41	1	TAL SEA	FCW
A:SM 3500 CR D	MB 580-87295/3		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 580-87591/12		580-87591		06/09/2011 18:48	1	TAL SEA	MAT
A:8260B	LCS 580-87591/12		580-87591		06/09/2011 18:48	1	TAL SEA	MAT
P:5030B	LCS 580-88141/10		580-88141		06/16/2011 17:03	1	TAL SEA	MAT
A:8260B	LCS 580-88141/10		580-88141		06/16/2011 17:03	1	TAL SEA	MAT
P:3005A	LCS 580-87862/24-A		580-87959	580-87862	06/14/2011 09:50	50	TAL SEA	ZF
A:6020	LCS 580-87862/24-A		580-87959	580-87862	06/14/2011 15:35	50	TAL SEA	FCW
P:7470A	LCS 580-87190/15-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	LCS 580-87190/15-A		580-87231	580-87190	06/03/2011 15:42	1	TAL SEA	FCW
A:SM 3500 CR D	LCS 580-87295/4		580-87295		06/03/2011 10:05	1	TAL SEA	SH

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 580-87591/13		580-87591		06/09/2011 19:12	1	TAL SEA	MAT
A:8260B	LCSD 580-87591/13		580-87591		06/09/2011 19:12	1	TAL SEA	MAT
P:5030B	LCSD 580-88141/11		580-88141		06/16/2011 17:29	1	TAL SEA	MAT
A:8260B	LCSD 580-88141/11		580-88141		06/16/2011 17:29	1	TAL SEA	MAT
P:3005A	LCSD 580-87862/25-A		580-87959	580-87862	06/14/2011 09:51	50	TAL SEA	ZF
A:6020	LCSD 580-87862/25-A		580-87959	580-87862	06/14/2011 15:40	50	TAL SEA	FCW
P:7470A	LCSD 580-87190/16-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	LCSD 580-87190/16-A		580-87231	580-87190	06/03/2011 15:44	1	TAL SEA	FCW

Client: MWH Americas Inc

Job Number: 580-26534-1

Laboratory Chronicle

Lab ID: **LCSSRM** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	LCSSRM 580-87862/26-A		580-87959	580-87862	06/14/2011 09:51	50	TAL SEA	ZF
A:6020	LCSSRM 580-87862/26-A		580-87959	580-87862	06/14/2011 15:45	50	TAL SEA	FCW
P:7470A	LCSSRM 580-87190/17-A		580-87231	580-87190	06/03/2011 12:36	1	TAL SEA	PAB
A:7470A	LCSSRM 580-87190/17-A		580-87231	580-87190	06/03/2011 15:46	1	TAL SEA	FCW

Lab References:

TAL SEA = TestAmerica Seattle

Certification Summary

Client: MWH Americas Inc
Project/Site: GE Yakima - Yakima, WA

TestAmerica Job ID: 580-26534-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Seattle	Alaska	Alaska UST	10	UST-022
TestAmerica Seattle	Alaska	TA-Port Heiden Mobile Lab	10	UST-093
TestAmerica Seattle	California	NELAC	9	1115CA
TestAmerica Seattle	Florida	NELAC	4	E871074
TestAmerica Seattle	L-A-B	DoD ELAP	0	L2236
TestAmerica Seattle	L-A-B	ISO/IEC 17025	0	L2236
TestAmerica Seattle	Louisiana	NELAC	6	05016
TestAmerica Seattle	Montana	MT DEQ UST	8	N/A
TestAmerica Seattle	Oregon	NELAC	10	WA100007
TestAmerica Seattle	USDA	USDA	0	P330-11-00222
TestAmerica Seattle	Washington	State Program	10	C553

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TFT #	TOL #	EBD10 #	BFB #
EWB-060211	580-26534-1	95	107	85	84	85
EB-060211	580-26534-2	95	110	86	88	92
MW-05-060211	580-26534-3	101	104	92	86	94
MW-07-060211	580-26534-4	97	104	89	87	92
DUP-060211 RA	580-26534-5 RA	101	109	92	93	96
TB-060211	580-26534-6	97	106	90	86	99
	MB 580-87591/11	94	111	89	89	91
	MB 580-88141/7	99	115	90	92	92
	LCS 580-87591/12	99	110	87	101	93
	LCS 580-88141/10	100	109	92	107	93
	LCSD 580-87591/13	98	109	87	96	95
	LCSD 580-88141/11	103	111	90	112	97

	QC LIMITS
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3015426.D

Lab ID: LCS 580-87591/12 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.1	22.8	114	70-130	
Benzene	20.1	21.1	105	80-120	
Trichloroethene	20.1	21.2	106	70-125	
Toluene	20.1	19.5	97	75-120	
Chlorobenzene	20.1	20.6	103	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3015591.D

Lab ID: LCS 580-88141/10 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.1	24.1	120	70-130	
Benzene	20.1	21.4	107	80-120	
Trichloroethene	20.1	22.0	110	70-125	
Toluene	20.1	20.9	104	75-120	
Chlorobenzene	20.1	20.8	104	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3015427.D

Lab ID: LCSD 580-87591/13 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	20.1	23.7	118	4	30	70-130	
Benzene	20.1	20.9	104	1	30	80-120	
Trichloroethene	20.1	21.5	107	1	30	70-125	
Toluene	20.1	18.9	94	3	30	75-120	
Chlorobenzene	20.1	19.3	96	7	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3015592.D

Lab ID: LCSD 580-88141/11 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	20.1	24.1	120	0	30	70-130	
Benzene	20.1	22.2	111	4	30	80-120	
Trichloroethene	20.1	22.2	111	1	30	70-125	
Toluene	20.1	21.7	108	4	30	75-120	
Chlorobenzene	20.1	21.7	108	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab File ID: G3015425.D Lab Sample ID: MB 580-87591/11

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: TAC001 Date Analyzed: 06/09/2011 18:23

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-87591/12	G3015426.D	06/09/2011 18:48
	LCSD 580-87591/13	G3015427.D	06/09/2011 19:12
TB-060211	580-26534-6	G3015431.D	06/09/2011 20:50
EWB-060211	580-26534-1	G3015432.D	06/09/2011 21:14
EB-060211	580-26534-2	G3015433.D	06/09/2011 21:39
MW-05-060211	580-26534-3	G3015434.D	06/09/2011 22:03
MW-07-060211	580-26534-4	G3015435.D	06/09/2011 22:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab File ID: G3015588.D Lab Sample ID: MB 580-88141/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: TAC001 Date Analyzed: 06/16/2011 15:47

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-88141/10	G3015591.D	06/16/2011 17:03
	LCSD 580-88141/11	G3015592.D	06/16/2011 17:29
DUP-060211 RA	580-26534-5 RA	G3015593.D	06/16/2011 17:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab File ID: BFB Injection Date:

Instrument ID: BFB Injection Time:

Lab File ID: DFTPP Injection Date:

Instrument ID: DFTPP Injection Time:

Analysis Batch No.:

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 580-87392/23	G3015385.D	06/08/2011	12:14
	ICV 580-87392/24	G3015386.D	06/08/2011	12:39

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab File ID: G3015364.D BFB Injection Date: 06/07/2011

Instrument ID: TAC001 BFB Injection Time: 13:51

Analysis Batch No.: 87392

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.7	
75	30.0 - 60.0 % of mass 95	43.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	98.8	
175	5.0 - 9.0 % of mass 174	6.4	(6.4)1
176	95.0 - 101.0 % of mass 174	98.5	(99.7)1
177	5.0 - 9.0 % of mass 176	6.2	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 580-87392/3	G3015365.D	06/07/2011	14:16
	STD2 580-87392/4	G3015366.D	06/07/2011	14:40
	STD5 580-87392/5	G3015367.D	06/07/2011	15:05
	STD10 580-87392/6	G3015368.D	06/07/2011	15:30
	STD20 580-87392/7	G3015369.D	06/07/2011	15:54
	STD50IS 580-87392/8	G3015370.D	06/07/2011	16:19
	STD100 580-87392/10	G3015372.D	06/07/2011	17:08
	STD150 580-87392/12	G3015374.D	06/07/2011	17:56
	STD200 580-87392/14	G3015376.D	06/07/2011	18:45
	ICV 580-87392/17	G3015379.D	06/07/2011	19:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab File ID: Copy of G3015422.D BFB Injection Date: 06/09/2011

Instrument ID: TAC001 BFB Injection Time: 17:10

Analysis Batch No.: 87591

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.4	
75	30.0 - 60.0 % of mass 95	48.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	105.5	
175	5.0 - 9.0 % of mass 174	8.3	(7.9)1
176	95.0 - 101.0 % of mass 174	103.1	(97.7)1
177	5.0 - 9.0 % of mass 176	7.3	(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-87591/8	G3015422.D	06/09/2011	17:10
	MB 580-87591/11	G3015425.D	06/09/2011	18:23
	LCS 580-87591/12	G3015426.D	06/09/2011	18:48
	LCSD 580-87591/13	G3015427.D	06/09/2011	19:12
TB-060211	580-26534-6	G3015431.D	06/09/2011	20:50
EWB-060211	580-26534-1	G3015432.D	06/09/2011	21:14
EB-060211	580-26534-2	G3015433.D	06/09/2011	21:39
MW-05-060211	580-26534-3	G3015434.D	06/09/2011	22:03
MW-07-060211	580-26534-4	G3015435.D	06/09/2011	22:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab File ID: G3015476.D BFB Injection Date: 06/13/2011

Instrument ID: TAC001 BFB Injection Time: 10:06

Analysis Batch No.: 87749

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	1.1	(1.1)1
174	50.0 - 120.00 % of mass 95	99.4	
175	5.0 - 9.0 % of mass 174	7.7	(7.7)1
176	95.0 - 101.0 % of mass 174	99.1	(99.7)1
177	5.0 - 9.0 % of mass 176	6.6	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 580-87749/3	G3015477.D	06/13/2011	10:32
	STD2 580-87749/4	G3015478.D	06/13/2011	10:57
	STD5 580-87749/5	G3015479.D	06/13/2011	11:23
	STD10 580-87749/6	G3015480.D	06/13/2011	11:49
	STD20 580-87749/7	G3015481.D	06/13/2011	12:15
	STD50IS 580-87749/8	G3015482.D	06/13/2011	12:41
	STD100 580-87749/9	Copy of G3015483.D	06/13/2011	13:06
	STD150 580-87749/10	Copy of G3015484.D	06/13/2011	13:32
	STD200 580-87749/11	Copy of G3015485.D	06/13/2011	13:58
	ICV 580-87749/15	G3015489.D	06/13/2011	15:40
	ICV 580-87749/16	G3015490.D	06/13/2011	16:06
	ICV 580-87749/17	G3015491.D	06/13/2011	16:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab File ID: G3015583.D BFB Injection Date: 06/16/2011

Instrument ID: TAC001 BFB Injection Time: 13:38

Analysis Batch No.: 88141

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.2	
75	30.0 - 60.0 % of mass 95	49.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.8	(0.8)1
174	50.0 - 120.00 % of mass 95	104.2	
175	5.0 - 9.0 % of mass 174	8.5	(8.2)1
176	95.0 - 101.0 % of mass 174	101.6	(97.5)1
177	5.0 - 9.0 % of mass 176	7.4	(7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-88141/3	G3015584.D	06/16/2011	14:04
	MB 580-88141/7	G3015588.D	06/16/2011	15:47
	LCS 580-88141/10	G3015591.D	06/16/2011	17:03
	LCSD 580-88141/11	G3015592.D	06/16/2011	17:29
DUP-060211 RA	580-26534-5 RA	G3015593.D	06/16/2011	17:55

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Sample No.: STD50IS 580-87392/8 Date Analyzed: 06/07/2011 16:19

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3015370.D Heated Purge: (Y/N) N

Calibration ID: 8086

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		251264	2.32	329222	2.61	111920	4.76
UPPER LIMIT		502528	2.82	658444	3.11	223840	5.26
LOWER LIMIT		125632	1.82	164611	2.11	55960	4.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-87392/17		221811	2.32	268500	2.61	96466	4.76
ICV 580-87392/23		254684	2.32	332220	2.62	118554	4.76
ICV 580-87392/24		232614	2.32	287676	2.61	95147	4.76

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Sample No.: CCVIS 580-87591/8 Date Analyzed: 06/09/2011 17:10

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3015422.D Heated Purge: (Y/N) N

Calibration ID: 8086

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		237071	2.32	312331	2.61	106041	4.76
UPPER LIMIT		474142	2.82	624662	3.11	212082	5.26
LOWER LIMIT		118536	1.82	156166	2.11	53021	4.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-87591/11		215184	2.32	262557	2.61	88589	4.76
LCS 580-87591/12		215609	2.32	275241	2.61	86994	4.76
LCSD 580-87591/13		214500	2.32	266453	2.62	84051	4.76
580-26534-6	TB-060211	222846	2.32	282164	2.62	90347	4.76
580-26534-1	EWB-060211	206975	2.32	257164	2.61	86847	4.76
580-26534-2	EB-060211	201518	2.32	246653	2.61	82577	4.76
580-26534-3	MW-05-060211	209487	2.32	279461	2.62	91269	4.76
580-26534-4	MW-07-060211	219619	2.32	280735	2.61	90186	4.76

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Sample No.: STD50IS 580-87749/8 Date Analyzed: 06/13/2011 12:41

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3015482.D Heated Purge: (Y/N) N

Calibration ID: 8128

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		270989	2.32	349248	2.61	109088	4.76
UPPER LIMIT		541978	2.82	698496	3.11	218176	5.26
LOWER LIMIT		135495	1.82	174624	2.11	54544	4.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-87749/15		250009	2.32	311827	2.61	104124	4.76
ICV 580-87749/16		271408	2.32	347120	2.61	110367	4.76
ICV 580-87749/17		272669	2.32	357416	2.62	110536	4.76

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Sample No.: CCVIS 580-88141/3 Date Analyzed: 06/16/2011 14:04

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3015584.D Heated Purge: (Y/N) N

Calibration ID: 8128

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		275820	2.32	349055	2.61	117033	4.76
UPPER LIMIT		551640	2.82	698110	3.11	234066	5.26
LOWER LIMIT		137910	1.82	174528	2.11	58517	4.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 580-88141/10		254174	2.32	325247	2.61	101960	4.76
LCSD 580-88141/11		246993	2.32	323936	2.61	101081	4.76
580-26534-5 RA	DUP-060211 RA	265331	2.32	353609	2.61	104939	4.76

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: EWB-060211 | Lab Sample ID: 580-26534-1

Matrix: Water | Lab File ID: G3015432.D

Analysis Method: 8260B | Date Collected: 06/02/2011 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 21:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	0.15	J	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: EWB-060211 | Lab Sample ID: 580-26534-1

Matrix: Water | Lab File ID: G3015432.D

Analysis Method: 8260B | Date Collected: 06/02/2011 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 21:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	95		80-120
2037-26-5	Toluene-d8 (Surr)	85		85-120
25837-05-2	Ethylbenzene-d10	84		80-120
460-00-4	4-Bromofluorobenzene (Surr)	85		75-120
98-08-8	Trifluorotoluene (Surr)	107		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: EB-060211 | Lab Sample ID: 580-26534-2

Matrix: Water | Lab File ID: G3015433.D

Analysis Method: 8260B | Date Collected: 06/02/2011 11:26

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 21:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: EB-060211 | Lab Sample ID: 580-26534-2

Matrix: Water | Lab File ID: G3015433.D

Analysis Method: 8260B | Date Collected: 06/02/2011 11:26

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 21:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	95		80-120
2037-26-5	Toluene-d8 (Surr)	86		85-120
25837-05-2	Ethylbenzene-d10	88		80-120
460-00-4	4-Bromofluorobenzene (Surr)	92		75-120
98-08-8	Trifluorotoluene (Surr)	110		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: MW-05-060211 | Lab Sample ID: 580-26534-3

Matrix: Water | Lab File ID: G3015434.D

Analysis Method: 8260B | Date Collected: 06/02/2011 14:29

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 22:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	0.23	J	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: MW-05-060211 | Lab Sample ID: 580-26534-3

Matrix: Water | Lab File ID: G3015434.D

Analysis Method: 8260B | Date Collected: 06/02/2011 14:29

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 22:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		80-120
2037-26-5	Toluene-d8 (Surr)	92		85-120
25837-05-2	Ethylbenzene-d10	86		80-120
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120
98-08-8	Trifluorotoluene (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: MW-07-060211 | Lab Sample ID: 580-26534-4

Matrix: Water | Lab File ID: G3015435.D

Analysis Method: 8260B | Date Collected: 06/02/2011 16:58

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: MW-07-060211 | Lab Sample ID: 580-26534-4

Matrix: Water | Lab File ID: G3015435.D

Analysis Method: 8260B | Date Collected: 06/02/2011 16:58

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	89		85-120
25837-05-2	Ethylbenzene-d10	87		80-120
460-00-4	4-Bromofluorobenzene (Surr)	92		75-120
98-08-8	Trifluorotoluene (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: DUP-060211 RA | Lab Sample ID: 580-26534-5 RA

Matrix: Water | Lab File ID: G3015593.D

Analysis Method: 8260B | Date Collected: 06/02/2011 00:00

Sample wt/vol: 10(mL) | Date Analyzed: 06/16/2011 17:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 88141 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	0.22	J	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: DUP-060211 RA | Lab Sample ID: 580-26534-5 RA

Matrix: Water | Lab File ID: G3015593.D

Analysis Method: 8260B | Date Collected: 06/02/2011 00:00

Sample wt/vol: 10(mL) | Date Analyzed: 06/16/2011 17:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 88141 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	101		80-120
2037-26-5	Toluene-d8 (Surr)	92		85-120
25837-05-2	Ethylbenzene-d10	93		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		75-120
98-08-8	Trifluorotoluene (Surr)	109		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: TB-060211 | Lab Sample ID: 580-26534-6

Matrix: Water | Lab File ID: G3015431.D

Analysis Method: 8260B | Date Collected: 06/02/2011 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 20:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: TB-060211 | Lab Sample ID: 580-26534-6

Matrix: Water | Lab File ID: G3015431.D

Analysis Method: 8260B | Date Collected: 06/02/2011 09:45

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 20:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	90		85-120
25837-05-2	Ethylbenzene-d10	86		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		75-120
98-08-8	Trifluorotoluene (Surr)	106		80-120

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-87392/3	G3015365.D
Level 2	STD2 580-87392/4	G3015366.D
Level 3	STD5 580-87392/5	G3015367.D
Level 4	STD10 580-87392/6	G3015368.D
Level 5	STD20 580-87392/7	G3015369.D
Level 6	STD50IS 580-87392/8	G3015370.D
Level 7	STD100 580-87392/10	G3015372.D
Level 8	STD150 580-87392/12	G3015374.D
Level 9	STD200 580-87392/14	G3015376.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4362 0.3912	0.5186 0.4022	0.4907 0.4005	0.4611 0.3554	0.3922	Ave		0.4272				12.0		15.0			
Chloromethane	0.5650 0.4381	0.5989 0.4494	0.5878 0.4333	0.5966 0.3331	0.4768	Qua2	0.0368	0.5519	-0.001		0.1000				0.9900		0.9900
Vinyl chloride	0.4227 0.3220	0.4424 0.3300	0.3880 0.3169	0.3996 0.2678	0.3365	Lin1	0.2754	0.3003							0.9900		0.9900
Bromomethane	0.3082 0.2639	0.3442 0.2645	0.3721 0.2437	0.3590 0.1957	0.2740	Qua1	0.0542	0.3132	-0.001						0.9960		0.9900
Chloroethane	0.1059 0.0624	0.0764 0.0645	0.0823 0.0610	0.0832 0.0498	0.0693	Qua1	0.0271	0.0735	0						0.9960		0.9900
Trichlorofluoromethane	0.9036 0.7640	0.9634 0.8099	1.0164 0.7517	0.9696 0.6351	0.7749	Ave		0.8425				15.0		15.0			
Ethyl ether	0.2706 0.2507	0.2765 0.2440	0.2987 0.2302	0.2796 0.2075	0.2584	Ave		0.2572				11.0		15.0			
Acrolein	0.0390 0.0356	0.0429 0.0353	0.0420 0.0326	0.0418 0.0304	0.0356	Lin1	0.1108	0.0326							0.9940		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5164 0.4452	0.5222 0.4510	0.5228 0.4333	0.5243 0.3727	0.4647	Ave		0.4722				11.0		15.0			
1,1-Dichloroethene	0.5287 0.4521	0.5249 0.4524	0.5424 0.4309	0.5165 0.3819	0.4825	Ave		0.4788				11.0		15.0			
Acetone	0.0676 0.0511	0.0709 0.0512	0.0706 0.0463	0.0609 +++++	0.0496	Lin1	0.2087	0.0486							0.9950		0.9900
Iodomethane	1.2168 1.1265	1.3296 1.1051	1.3774 0.9900	1.3291 +++++	1.1865	Qua2	-0.334	1.3213	0						0.9970		0.9900
Carbon disulfide	1.4469 1.3679	1.6085 1.3797	1.6700 1.2909	1.6025 +++++	1.4375	Ave		1.4744				9.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0743 0.0705	0.0770 0.0715	0.0861 0.0655	0.0818 0.0597	0.0738	Ave		0.0733				11.0		15.0			
Methyl acetate	0.0356 0.0352	0.0416 0.0359	0.0423 0.0334	0.0387 0.0321	0.0340	Ave		0.0365				9.8		15.0			
Methylene Chloride	0.7729 0.4281	0.6520 0.4297	0.5838 0.4011	0.5080 +++++	0.4560	Lin1	0.4871	0.4134							0.9980		0.9900
t-Butyl alcohol	0.0185 0.0142	0.0174 0.0146	0.0180 0.0128	0.0181 0.0123	0.0143	Lin1	0.0592	0.0131							0.9930		0.9900
Methyl tert-butyl ether	0.7472 0.7228	0.7729 0.7557	0.8551 0.7160	0.8557 0.6499	0.6910	Ave		0.7512				9.2		15.0			
trans-1,2-Dichloroethene	0.5324 0.5029	0.5872 0.5114	0.6233 0.4817	0.5940 0.4327	0.5356	Ave		0.5331				11.0		15.0			
Acrylonitrile	0.0674 0.0659	0.0720 0.0649	0.0798 0.0586	0.0736 0.0529	0.0696	Ave		0.0671				12.0		15.0			
Hexane	0.5650 0.4930	0.5602 0.4926	0.5779 0.4711	0.5263 0.4435	0.5162	Ave		0.5158				8.8		15.0			
1,1-Dichloroethane	0.9034 0.7583	0.8906 0.7536	0.9146 0.7242	0.8782 0.6401	0.8194	Ave		0.8085			0.1000	12.0		15.0			
Diisopropyl ether	1.2638 1.1001	1.1797 1.1191	1.3477 1.0411	1.2720 0.9245	1.0821	Ave		1.1469				11.0		15.0			
Vinyl acetate	0.0512 0.0518	0.0514 0.0514	0.0525 0.0505	0.0501 0.0482	0.0484	Ave		0.0506				2.9		15.0			
Ethyl t-butyl ether	0.4009 0.3663	0.4189 0.3861	0.4094 0.3693	0.4130 0.3382	0.3523	Ave		0.3835				7.5		15.0			
2,2-Dichloropropane	0.6373 0.4984	0.6461 0.5194	0.6081 0.4669	0.5814 0.3982	0.5283	Ave		0.5423				15.0		15.0			
cis-1,2-Dichloroethene	0.6135 0.5552	0.6498 0.5514	0.6747 0.5128	0.6444 0.4626	0.5813	Ave		0.5824				12.0		15.0			
2-Butanone	0.0292 0.0242	0.0273 0.0231	0.0246 0.0217	0.0252 0.0208	0.0226	Ave		0.0243				11.0		15.0			
Ethyl acetate	0.0235 0.0236	0.0197 0.0210	0.0260 0.0207	0.0181 0.0215	0.0205	Ave		0.0216				11.0		15.0			
Chlorobromomethane	0.3747 0.3750	0.3935 0.3832	0.4246 0.3724	0.3956 0.3424	0.3903	Ave		0.3832				5.8		15.0			
Methacrylonitrile	0.1109 0.1147	0.1061 0.1071	0.1202 0.1018	0.1072 0.0945	0.1106	Ave		0.1081				6.8		15.0			
Tetrahydrofuran	0.0547 0.0314	0.0426 0.0302	0.0396 0.0286	0.0348 0.0273	0.0314	Lin2	0.1263	0.0303							0.9940		0.9900
Chloroform	1.0845 0.9996	1.1076 0.9985	1.1667 0.9616	1.0728 0.8855	1.0329	Ave		1.0336				8.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.8635 0.8345	0.9258 0.8569	0.9176 0.8252	0.8925 0.7513	0.8566	Ave		0.8575				6.2		15.0			
Cyclohexane	1.0845 0.7308	0.9619 0.7288	0.8993 0.6895	0.8446 0.6123	0.7704	Lin2	0.3960	0.7297							0.9900		0.9900
1,1-Dichloropropene	0.7891 0.7531	0.7767 0.7513	0.8104 0.7256	0.7753 0.6606	0.7733	Ave		0.7567				5.8		15.0			
Carbon tetrachloride	0.8502 0.8487	0.8795 0.8782	0.9016 0.8568	0.8790 0.7898	0.8675	Ave		0.8606				3.7		15.0			
Isobutanol	0.0089 0.0083	0.0087 0.0080	0.0093 0.0076	0.0072 0.0076	0.0082	Ave		0.0082				8.3		15.0			
Benzene	2.2269 2.1128	2.0825 2.0406	2.2286 1.9955	2.1109 1.8369	2.1832	Ave		2.0893				5.9		15.0			
1,2-Dichloroethane	0.6296 0.5705	0.5817 0.5480	0.6306 0.5354	0.5770 0.4855	0.5875	Ave		0.5713				7.9		15.0			
Tert-amyl methyl ether	0.6435 0.7821	0.7198 0.8241	0.8070 0.7992	0.8028 0.7417	0.7158	Ave		0.7590				7.7		15.0			
n-Butyl alcohol	0.0038 0.0038	0.0038 0.0034	0.0034 0.0035	0.0032 0.0039	0.0036	Ave		0.0036				6.6		15.0			
Trichloroethene	0.5090 0.4858	0.5308 0.4860	0.4779 0.5056	0.4787 0.4934	0.4828	Ave		0.4946				3.6		15.0			
Methylcyclohexane	0.6102 0.6423	0.6379 0.6456	0.6883 0.6297	0.7235 0.5874	0.6543	Ave		0.6468				6.2		15.0			
1,2-Dichloropropane	0.3872 0.3655	0.3702 0.3445	0.3644 0.3383	0.3639 0.3280	0.3665	Ave		0.3589				5.1		15.0			
Dibromomethane	0.2850 0.2562	0.2501 0.2376	0.2560 0.2530	0.2475 0.2577	0.2543	Ave		0.2554				5.0		15.0			
Dichlorobromomethane	0.5855 0.5482	0.5481 0.5169	0.5289 0.5259	0.5215 0.5221	0.5414	Ave		0.5378				4.0		15.0			
2-Chloroethyl vinyl ether	0.0881 0.1301	0.0863 0.1092	0.0972 0.1177	0.0957 0.1254	0.1119	Ave		0.1069				15.0		15.0			
cis-1,3-Dichloropropene	0.4059 0.5416	0.4070 0.4982	0.4051 0.5288	0.4019 0.5390	0.5019	Ave		0.4701				13.0		15.0			
4-Methyl-2-pentanone	0.0528 0.0712	0.0574 0.0677	0.0638 0.0671	0.0670 0.0662	0.0665	Ave		0.0644				8.9		15.0			
Toluene	1.5195 1.6534	1.5035 1.5420	1.4985 1.5646	1.4955 1.5465	1.6417	Ave		1.5522				3.8		15.0			
trans-1,3-Dichloropropene	0.2896 0.3855	0.2728 0.3361	0.2598 0.3645	0.2522 0.4038	0.3486	Lin1	-0.253	0.3759							0.9930		0.9900
1,1,2-Trichloroethane	0.2547 0.2532	0.2474 0.2221	0.2399 0.2283	0.2215 0.2409	0.2479	Ave		0.2396				5.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Tetrachloroethene	0.3998 0.4225	0.3954 0.4122	0.3924 0.4324	0.3743 0.4541	0.4069	Ave		0.4102				5.8		15.0			
1,3-Dichloropropane	0.3881 0.3901	0.3463 0.3341	0.3355 0.3494	0.3201 0.3709	0.3739	Ave		0.3566				7.1		15.0			
2-Hexanone	0.0454 0.0600	0.0425 0.0500	0.0470 0.0545	0.0451 0.0600	0.0503	Ave		0.0505				13.0		15.0			
Chlorodibromomethane	0.3642 0.3797	0.3530 0.3338	0.3367 0.3538	0.3189 0.3744	0.3676	Ave		0.3537				5.8		15.0			
Ethylene Dibromide	0.2303 0.2545	0.2150 0.2117	0.2174 0.2256	0.2082 0.2442	0.2473	Ave		0.2283				7.4		15.0			
Chlorobenzene	3.2433 3.0803	2.8984 2.8476	2.7320 3.0090	2.5766 3.1150	2.8731	Ave		2.9306			0.3000	7.0		15.0			
1,1,1,2-Tetrachloroethane	1.0607 1.2270	1.0708 1.2035	1.0815 1.1898	1.1289 1.1393	1.1389	Ave		1.1378				5.3		15.0			
Ethylbenzene	4.0979 5.0554	4.1203 4.6168	4.3600 4.6014	4.2982 4.5923	4.7407	Ave		4.4981				6.9		15.0			
m-Xylene & p-Xylene	2.8843 3.9095	3.1105 3.5332	3.3195 3.4777	3.4265 3.3923	3.6549	Ave		3.4120				8.7		15.0			
o-Xylene	2.9085 3.9206	3.1843 3.6761	3.4051 3.5885	3.5216 3.4495	3.7304	Ave		3.4872				8.7		15.0			
Styrene	2.1080 3.0585	2.1723 2.7195	2.4451 2.8275	2.5204 2.8756	2.7942	Lin2	-0.829	2.7869							0.9950		0.9900
Bromoform	0.5273 0.6011	0.5240 0.5518	0.5251 0.5874	0.4664 0.6386	0.5472	Ave		0.5521			0.1000	9.2		15.0			
Isopropylbenzene	3.0928 4.5851	3.5807 4.3367	3.9379 4.2699	4.1641 4.0637	4.3937	Ave		4.0472				11.0		15.0			
cis-1,4-Dichloro-2-butene	0.1142 0.2191	0.1307 0.2003	0.1375 0.2206	0.1328 0.2423	0.1849	Qua1	-0.536	0.1805	0.0001						0.9970		0.9900
1,1,2,2-Tetrachloroethane	0.8021 0.7423	0.7733 0.6799	0.7635 0.6908	0.7404 0.6604	0.7188	Ave		0.7302			0.3000	6.4		15.0			
Bromobenzene	1.1726 1.3052	1.1174 1.2201	1.1722 1.3217	1.1172 1.3529	1.2147	Ave		1.2216				7.1		15.0			
1,2,3-Trichloropropane	0.2268 0.2047	0.1951 0.1890	0.1952 0.1881	0.1998 0.1867	0.1977	Ave		0.1981				6.2		15.0			
trans-1,4-Dichloro-2-butene	0.1207 0.1616	0.1203 0.1399	0.1305 0.1473	0.1231 0.1471	0.1447	Lin2	-0.148	0.1435							0.9930		0.9900
N-Propylbenzene	4.1768 5.6032	4.7560 5.0988	5.0490 5.0167	5.1141 4.8292	5.3608	Ave		5.0005				8.0		15.0			
2-Chlorotoluene	0.9528 1.2307	1.0673 1.1451	1.1573 1.1641	1.1532 1.1519	1.1791	Ave		1.1335				7.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3,5-Trimethylbenzene	2.7188 3.7255	3.1098 3.4987	3.3975 3.4019	3.6171 3.2625	3.6574	Ave		3.3766				9.3		15.0			
4-Chlorotoluene	1.0202 1.1870	1.0367 1.1159	1.0813 1.1691	1.0928 1.1846	1.1280	Ave		1.1128				5.5		15.0			
tert-Butylbenzene	2.1518 3.2807	2.2956 3.1265	2.7061 3.0818	2.8859 2.9126	3.2168	Ave		2.8509				14.0		15.0			
1,2,4-Trimethylbenzene	2.4824 3.6801	2.8766 3.4676	3.3699 3.4618	3.5485 3.2806	3.6056	Ave		3.3081				12.0		15.0			
sec-Butylbenzene	3.2425 4.6041	3.5980 4.3912	4.0912 4.3142	4.3031 4.1798	4.4911	Ave		4.1350				11.0		15.0			
4-Isopropyltoluene	2.4352 3.8821	2.8497 3.7425	3.3932 3.7511	3.5128 3.6465	3.6905	Ave		3.4337				14.0		15.0			
1,3-Dichlorobenzene	2.2783 2.3699	2.1567 2.3163	2.2511 2.4167	2.2354 2.3948	2.2814	Ave		2.3001				3.6		15.0			
1,4-Dichlorobenzene	2.3933 2.2614	2.1902 2.1690	2.2214 2.3021	2.1854 2.2931	2.1654	Ave		2.2424				3.4		15.0			
2-Ethyl-1-Hexanol	+++++ 0.0265	0.0156 0.0275	0.0207 0.0386	0.0256 +++++	0.0246	Qua2	-0.392	0.0237	0						0.9920		0.9900
n-Butylbenzene	0.7748 0.9220	0.8037 0.9159	0.8290 0.9337	0.8872 0.9255	0.9201	Ave		0.8791				6.9		15.0			
1,2-Dichlorobenzene	1.9764 1.9981	1.9554 1.9489	2.0452 2.0310	1.9832 2.0041	1.9774	Ave		1.9911				1.6		15.0			
Hexachloroethane	0.6606 0.7604	0.6711 0.7470	0.7050 0.7500	0.7206 0.7360	0.7409	Ave		0.7213				4.9		15.0			
1,2-Dibromo-3-Chloropropane	0.0737 0.1298	0.0987 0.1335	0.1179 0.1402	0.1159 0.1390	0.1121	Lin2	-0.059	0.1303							0.9950		0.9900
1,3,5-Trichlorobenzene	1.3686 1.6333	1.4914 1.7074	1.5595 1.7925	1.6622 1.8051	1.5781	Ave		1.6220				8.7		15.0			
1,2,4-Trichlorobenzene	1.0309 1.3599	1.1058 1.4655	1.1640 1.5524	1.2717 1.5612	1.2388	Qua2	-0.235	1.2460	0.0018						0.9990		0.9900
Hexachlorobutadiene	0.7113 0.7278	0.7699 0.7689	0.7436 0.8165	0.7605 0.8336	0.6949	Ave		0.7586				6.0		15.0			
Naphthalene	0.9230 2.0421	1.0311 2.2113	1.2741 2.3066	1.6082 +++++	1.7425	Qua2	-0.797	1.5968	0.0055						0.9930		0.9900
1,2,3-Trichlorobenzene	0.8360 1.1768	0.9583 1.2524	0.9956 1.3257	1.1257 1.3260	1.0695	Ave		1.1185				15.0		15.0			
Fluorobenzene (Surr)	1.4167 1.4426	1.3736 1.4147	1.4519 1.4089	1.4324 1.3092	1.4336	Ave		1.4082				3.1		15.0			
Trifluorotoluene (Surr)	0.8340 0.7871	0.8180 0.8334	0.7849 0.8510	0.8036 0.8624	0.7232	Ave		0.8111				5.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	0.9113 +++++	0.9283 +++++	0.9256 0.9555	0.9386 +++++	+++++	Ave		0.9322				1.8		15.0			
Ethylbenzene-d10	0.2887 +++++	0.2945 +++++	0.3065 +++++	0.3075 +++++	0.3108	Ave		0.3017				3.1		15.0			
4-Bromofluorobenzene (Surr)	0.8075 +++++	0.7945 +++++	0.7581 0.8515	0.8274 +++++	0.8495	Ave		0.8147				4.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-87392/3	G3015365.D
Level 2	STD2 580-87392/4	G3015366.D
Level 3	STD5 580-87392/5	G3015367.D
Level 4	STD10 580-87392/6	G3015368.D
Level 5	STD20 580-87392/7	G3015369.D
Level 6	STD50IS 580-87392/8	G3015370.D
Level 7	STD100 580-87392/10	G3015372.D
Level 8	STD150 580-87392/12	G3015374.D
Level 9	STD200 580-87392/14	G3015376.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	PFB	Ave	3978 196464	8983 394779	20820 632724	39228 827644	73927	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Chloromethane	PFB	Qua2	5159 220269	10386 441603	24970 685301	50816 776473	89981	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl chloride	PFB	Lin1	3858 161849	7669 324108	16474 500917	34028 624033	63484	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Bromomethane	PFB	Qua1	2813 132659	5967 259818	15802 385241	30573 456074	51688	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Chloroethane	PFB	Qua1	966 31351	1324 63347	3492 96292	7078 115874	13056	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Trichlorofluoromethane	PFB	Ave	8246 383888	16696 795316	43149 1188135	82542 1479681	146149	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Ethyl ether	PFB	Ave	12358 630493	23987 1199219	63475 1820912	119147 2420425	243985	5.01 250	10.0 501	25.0 751	50.1 1001	100
Acrolein	PFB	Lin1	1796 90272	3749 174959	8986 259748	17924 357332	33881	5.04 252	10.1 504	25.2 756	50.4 1008	101
1,1,2-Trichloro-1,2,2-trifluoroetha ne	PFB	Ave	4701 223160	9028 441862	22140 683284	44526 866196	87436	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
1,1-Dichloroethene	PFB	Ave	4820 226967	9088 443886	23004 680515	43931 889045	90923	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Acetone	PFB	Lin1	3083 128466	6145 251429	14980 366054	25935 +++++	46806	5.00 250	10.0 500	25.0 750	50.0 +++++	100
Iodomethane	PFB	Qua2	55801 2844638	115796 5453480	293859 7863523	568585 +++++	1124586	5.03 251	10.1 503	25.1 754	50.3 +++++	101
Carbon disulfide	PFB	Ave	13225 688435	27920 1357072	71009 2043529	136637 +++++	271557	1.00 50.1	2.00 100	5.01 150	10.0 +++++	20.0
Acetonitrile	PFB	Ave	6781 353992	13344 701519	36524 1034088	69591 1390453	139102	10.00 500	20.0 1000	50.0 1499	100.0 1999	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methyl acetate	PFB	Ave	1633 89008	3625 177003	9024 265000	16554 376045	32203	5.03 251	10.1 503	25.1 754	50.3 1005	101
Methylene Chloride	PFB	Lin1	7036 214597	11272 420957	24723 632422	43139 +++++	85801	0.998 49.9	2.00 99.8	4.99 150	9.98 +++++	20.0
t-Butyl alcohol	PFB	Lin1	846 35583	1512 71789	3831 100833	7702 143257	13534	5.00 250	10.0 500	25.0 750	50.0 1000	100
Methyl tert-butyl ether	PFB	Ave	6819 363222	13396 742209	36304 1131764	72848 1514372	130349	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
trans-1,2-Dichloroethene	PFB	Ave	4859 252742	10177 502195	26463 761414	50569 1008291	101022	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Acrylonitrile	PFB	Ave	3077 165627	6250 319150	16955 463884	31346 616381	65749	5.01 250	10.0 501	25.0 751	50.1 1001	100
Hexane	PFB	Ave	5169 248377	9734 484972	24596 746561	44918 1036038	97605	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
1,1-Dichloroethane	PFB	Ave	8241 380871	15428 739758	38810 1144142	74732 1490730	154480	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Diisopropyl ether	PFB	Ave	11534 552848	20446 1099050	57218 1645690	108289 2154230	204121	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl acetate	PFB	Ave	2350 131092	4480 254122	11220 401997	21451 564945	45983	5.03 252	10.1 503	25.2 755	50.3 1007	101
Ethyl t-butyl ether	PFB	Ave	3659 184051	7261 379183	17380 583801	35163 788058	66448	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2,2-Dichloropropane	PFB	Ave	5816 250440	11198 510054	25816 738107	49499 927948	99646	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,2-Dichloroethene	PFB	Ave	5610 279579	11284 542632	28704 812195	54972 1080012	109860	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Butanone	PFB	Ave	1334 60772	2363 113431	5217 171652	10748 242716	21270	5.00 250	10.0 500	25.0 750	50.0 1000	100
Ethyl acetate	PFB	Ave	1079 59688	1718 103683	5559 164994	7741 251857	19480	5.04 252	10.1 504	25.2 755	50.4 1007	101
Chlorobromomethane	PFB	Ave	3425 188747	6831 376858	18056 589491	33734 798996	73735	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Methacrylonitrile	PFB	Ave	5128 291955	9314 532885	25857 815092	46238 1115569	105712	5.07 253	10.1 507	25.3 760	50.7 1013	101
Tetrahydrofuran	PFB	Lin2	2499 78888	3698 148649	8416 226003	14827 318106	29607	5.01 250	10.0 501	25.0 751	50.1 1001	100
Chloroform	PFB	Ave	9907 502833	19216 981593	49583 1521572	91428 2065439	195023	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,1,1-Trichloroethane	PFB	Ave	7877 419137	16037 841104	38940 1303728	75945 1749652	161497	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Cyclohexane	PFB	Lin2	9897 367230	16671 715749	38180 1089919	71906 1426803	145317	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1-Dichloropropene	PFB	Ave	7133 374858	13333 730854	34082 1136022	65375 1524754	144486	0.991 49.5	1.98 99.1	4.95 149	9.91 198	19.8
Carbon tetrachloride	PFB	Ave	7771 427112	15266 863803	38336 1356318	74943 1843133	163880	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Isobutanol	PFB	Ave	807 41758	1502 78731	3947 119280	6147 176574	15401	9.99 499	20.0 999	49.9 1498	99.9 1997	200
Benzene	PFB	Ave	20303 1060701	36058 2002097	94525 3151164	179529 4276024	411397	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,2-Dichloroethane	PFB	Ave	5743 286545	10076 537950	26761 845959	49095 1130763	110761	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Tert-amyl methyl ether	PFB	Ave	5873 393040	12476 809301	34264 1263348	68350 1728334	135026	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
n-Butyl alcohol	DFB	Ave	462 25062	814 42896	1916 69466	3471 110501	9036	10.0 501	20.0 1001	50.1 1502	100 2002	200
Trichloroethene	DFB	Ave	6111 319841	11476 620569	26686 1007599	51399 1403021	119470	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Methylcyclohexane	DFB	Ave	7322 422680	13785 823939	38416 1254488	77650 1669489	161835	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2-Dichloropropane	DFB	Ave	4751 245963	8179 449604	20795 689137	39934 953162	92706	1.02 51.1	2.04 102	5.11 153	10.2 204	20.4
Dibromomethane	DFB	Ave	3442 169710	5440 305214	14383 507166	26737 737221	63299	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1
Dichlorobromomethane	DFB	Ave	7036 361305	11862 660593	29564 1049186	56057 1486315	134115	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Chloroethyl vinyl ether	DFB	Ave	5319 430865	9388 701607	27302 1180254	51697 1793849	139318	5.03 252	10.1 503	25.2 755	50.3 1006	101
cis-1,3-Dichloropropene	DFB	Ave	4834 353742	8728 631039	22443 1045415	42809 1520651	123201	0.992 49.6	1.98 99.2	4.96 149	9.92 198	19.8
4-Methyl-2-pentanone	DFB	Ave	3169 234267	6207 432394	17810 668965	35960 941438	82336	5.00 250	10.0 500	25.0 750	50.0 1000	100
Toluene	DFB	Ave	18233 1088097	32490 1967882	83638 3116792	160503 4395769	406067	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
trans-1,3-Dichloropropene	DFB	Lin1	3546 258893	6015 437681	14801 740930	27618 1171268	87993	1.02 51.0	2.04 102	5.10 153	10.2 204	20.4
1,1,2-Trichloroethane	DFB	Ave	3064 167019	5360 284182	13426 455900	23831 686392	61471	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrachloroethene	DFB	Ave	4807 278623	8562 527133	21948 863033	40251 1293405	100845	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,3-Dichloropropane	DFB	Ave	4655 256625	7479 426103	18716 695745	34336 1053645	92435	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Hexanone	DFB	Ave	2725 197549	4590 319477	13113 542907	24202 852746	62275	5.00 250	10.0 500	25.0 750	50.0 1000	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorodibromomethane	DFB	Ave	4340 248161	7575 423044	18659 699843	33981 1056724	90285	0.993 49.6	1.99 99.3	4.96 149	9.93 199	19.9
Ethylene Dibromide	DFB	Ave	2773 168048	4662 271060	12175 451021	22428 696608	61375	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
Chlorobenzene	DCB	Ave	14153 688117	22753 1201702	54928 1980808	98946 2865805	256518	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
1,1,1,2-Tetrachloroethane	DCB	Ave	4652 275475	8448 510438	21853 787200	43568 1053434	102189	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
Ethylbenzene	DCB	Ave	17909 1131036	32394 1951259	87790 3033639	165305 4231300	423898	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
m-Xylene & p-Xylene	DCB	Ave	25255 1752375	48995 2991785	133913 4593686	264018 6262197	654767	2.00 100	4.01 200	10.0 300	20.0 401	40.1
o-Xylene	DCB	Ave	12730 878458	25073 1555996	68667 2369418	135641 3183110	334061	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Styrene	DCB	Lin2	9254 687351	17156 1154552	49456 1872534	97367 2661533	250976	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
Bromoform	DCB	Ave	2340 136566	4184 236849	10737 393248	18214 597573	49688	1.02 50.8	2.03 102	5.08 152	10.2 203	20.3
Isopropylbenzene	DCB	Ave	13530 1026851	28180 1834696	79371 2817944	160306 3748045	393263	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,4-Dichloro-2-butene	DCB	Qua1	2499 245418	5146 423819	13867 728267	25579 1117783	82799	5.01 250	10.0 501	25.0 751	50.1 1001	100
1,1,2,2-Tetrachloroethane	DCB	Ave	3516 166562	6098 288220	15420 456774	28559 610331	64466	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
Bromobenzene	DCB	Ave	5163 294212	8851 519537	23780 877904	43289 1255925	109427	1.01 50.4	2.01 101	5.04 151	10.1 201	20.1
1,2,3-Trichloropropane	DCB	Ave	1002 46302	1551 80778	3974 125387	7767 173923	17870	1.01 50.5	2.02 101	5.05 152	10.1 202	20.2
trans-1,4-Dichloro-2-butene	DCB	Lin2	2639 180902	4732 295732	13150 485781	23686 678134	64723	5.00 250	10.0 500	25.0 750	50.0 1000	100
N-Propylbenzene	DCB	Ave	18263 1254227	37411 2156041	101716 3309150	196779 4451846	479582	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2-Chlorotoluene	DCB	Ave	4185 276721	8433 486400	23420 771324	44571 1066700	105956	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
1,3,5-Trimethylbenzene	DCB	Ave	11900 834755	24486 1480892	68513 2246239	139317 3010520	327520	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Chlorotoluene	DCB	Ave	4472 266371	8175 473038	21837 773091	42155 1094753	101167	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
tert-Butylbenzene	DCB	Ave	9404 733988	18048 1321403	54488 2031820	110987 2683683	287637	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2,4-Trimethylbenzene	DCB	Ave	10914 828289	22752 1474346	68263 2296047	137292 3040865	324337	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
sec-Butylbenzene	DCB	Ave	14199 1032123	28344 1859616	82543 2850035	165822 3858934	402380	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Isopropyltoluene	DCB	Ave	10637 868104	22393 1580922	68290 2471822	135031 3358218	329825	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,3-Dichlorobenzene	DCB	Ave	9967 530753	16973 979924	45373 1594920	86057 2208766	204200	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,4-Dichlorobenzene	DCB	Ave	10454 505676	17211 916244	44707 1517002	84007 2111813	193523	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Ethyl-1-Hexanol	DCB	Qua2	+++++ 148304	3072 290820	10422 635949	24625 +++++	54895	+++++ 1250	50.0 2499	125 3749	250 +++++	500
n-Butylbenzene	DCB	Ave	3388 206385	6322 387284	16700 615904	34139 853164	82317	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2-Dichlorobenzene	DCB	Ave	8646 447473	15389 824498	41222 1340374	76346 1848420	176991	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Hexachloroethane	DCB	Ave	2897 170716	5295 316800	14245 496190	27810 680506	66479	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,2-Dibromo-3-Chloropropane	DCB	Lin2	323 29152	779 56625	2383 92726	4472 128499	10060	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,3,5-Trichlorobenzene	DCB	Ave	5984 365587	11731 721998	31418 1182392	63960 1664006	141175	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,4-Trichlorobenzene	DCB	Qua2	4476 302260	8637 615367	23285 1016851	48589 1429161	110049	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Hexachlorobutadiene	DCB	Ave	3110 162902	6056 325147	14980 538590	29264 768493	62169	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Naphthalene	DCB	Qua2	4042 457800	8123 936446	25707 1523791	61972 +++++	156120	1.00 50.1	2.00 100	5.01 150	10.0 +++++	20.0
1,2,3-Trichlorobenzene	DCB	Ave	3630 261576	7485 525885	19916 868338	43013 1213853	95011	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Fluorobenzene (Surr)	PFB	Ave	64673 72525	59541 69495	61666 74267	61000 76295	67633	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Trifluorotoluene (Surr)	DFB	Ave	10009 518062	17678 1063734	43814 1695308	86250 2451555	178910	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Toluene-d8 (Surr)	DFB	Ave	54784 +++++	50246 +++++	51765 63571	50464 +++++	+++++	5.01 +++++	5.01 +++++	5.01 5.01	5.01 +++++	+++++
Ethylbenzene-d10	DFB	Ave	17337 +++++	15920 +++++	17118 +++++	16511 +++++	19233	5.00 +++++	5.00 +++++	5.00 +++++	5.00 +++++	5.00
4-Bromofluorobenzene (Surr)	DCB	Ave	17691 +++++	15658 +++++	15305 18762	15952 +++++	19040	5.01 +++++	5.01 +++++	5.01 5.01	5.01 +++++	5.01

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87392

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/07/2011 14:16 Calibration End Date: 06/07/2011 18:45 Calibration ID: 8086

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-87749/3	G3015477.D
Level 2	STD2 580-87749/4	G3015478.D
Level 3	STD5 580-87749/5	G3015479.D
Level 4	STD10 580-87749/6	G3015480.D
Level 5	STD20 580-87749/7	G3015481.D
Level 6	STD50IS 580-87749/8	G3015482.D
Level 7	STD100 580-87749/9	Copy of G3015483.D
Level 8	STD150 580-87749/10	Copy of G3015484.D
Level 9	STD200 580-87749/11	Copy of G3015485.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3957 0.3124	0.3857 0.3153	0.3277 0.3104	0.3437 0.3117	0.3427	Ave		0.3381				9.6		15.0			
Chloromethane	+++++ 0.3872	0.5411 0.3846	0.4706 0.3587	0.4690 0.3361	0.4445	Lin2	0.3506	0.3846			0.1000				0.9900		0.9900
Vinyl chloride	0.3530 0.2905	0.3648 0.2790	0.3130 0.2636	0.3427 0.2467	0.3188	Ave		0.3078				13.0		15.0			
Bromomethane	+++++ 0.2417	0.3275 0.2224	0.2799 0.2017	0.3079 0.1923	0.2793	Qua2	0.0995	0.2773	0						0.9960		0.9900
Chloroethane	+++++ 0.0587	+++++ 0.0540	0.0666 0.0490	0.0680 0.0495	0.0625	Ave		0.0583				13.0		15.0			
Trichlorofluoromethane	0.8432 0.7508	0.8871 0.6683	0.7779 0.6459	0.7902 0.6229	0.7680	Ave		0.7499				12.0		15.0			
Ethyl ether	0.2756 0.2339	0.2664 0.2180	0.2586 0.2067	0.2556 0.2033	0.2545	Ave		0.2412				11.0		15.0			
Acrolein	0.0447 0.0354	0.0423 0.0330	0.0384 0.0311	0.0364 0.0305	0.0347	Qua2	0.0470	0.0361	0						0.9990		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4422 0.4139	0.4817 0.3987	0.4232 0.3838	0.4392 0.3783	0.4588	Ave		0.4241				8.1		15.0			
1,1-Dichloroethene	0.4479 0.4354	0.5149 0.3915	0.4390 0.3825	0.4548 0.3688	0.4649	Ave		0.4330				11.0		15.0			
Acetone	0.0741 0.0521	0.0646 0.0514	0.0647 0.0468	0.0582 0.0459	0.0549	Lin2	0.1228	0.0518							0.9910		0.9900
Iodomethane	1.1603 1.0989	1.2878 0.9612	1.1302 0.9004	1.1699 0.7734	1.1589	Ave		1.0704				15.0		15.0			
Carbon disulfide	1.3565 1.3028	1.5175 1.1948	1.3194 1.1630	1.3833 1.1014	1.3780	Ave		1.3009				9.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0744 0.0689	0.0832 0.0649	0.0694 0.0618	0.0725 0.0585	0.0721	Ave		0.0695				11.0		15.0			
Methyl acetate	0.0364 0.0339	0.0444 0.0348	0.0363 0.0325	0.0383 0.0333	0.0354	Ave		0.0361				9.9		15.0			
Methylene Chloride	0.4420 0.4141	0.4912 0.3737	0.4250 0.3658	0.4458 0.3501	0.4397	Ave		0.4160				11.0		15.0			
t-Butyl alcohol	0.0169 0.0128	0.0130 0.0131	0.0159 0.0122	0.0142 0.0115	0.0139	Ave		0.0137				13.0		15.0			
Methyl tert-butyl ether	0.7310 0.6214	0.6870 0.5996	0.6550 0.6039	0.6715 0.5923	0.5909	Ave		0.6387				7.8		15.0			
trans-1,2-Dichloroethene	0.5574 0.4894	0.5793 0.4475	0.5071 0.4380	0.5366 0.4202	0.5194	Ave		0.4991				11.0		15.0			
Acrylonitrile	0.0739 0.0626	0.0790 0.0610	0.0684 0.0575	0.0667 0.0550	0.0685	Ave		0.0658				12.0		15.0			
Hexane	0.5432 0.4767	0.4970 0.4530	0.4816 0.4444	0.4864 0.4321	0.5057	Ave		0.4796				7.1		15.0			
1,1-Dichloroethane	0.7532 0.7238	0.8280 0.6673	0.7869 0.6535	0.7557 0.6285	0.7780	Ave		0.7300			0.1000	9.2		15.0			
Diisopropyl ether	1.1261 1.0257	1.0888 0.9573	1.0713 0.9149	1.0667 0.8693	1.0106	Ave		1.0138				8.4		15.0			
Vinyl acetate	0.0499 0.0476	0.0471 0.0465	0.0473 0.0457	0.0440 0.0422	0.0492	Ave		0.0466				5.2		15.0			
Ethyl t-butyl ether	0.3312 0.3141	0.3357 0.2961	0.3175 0.3055	0.3232 0.3066	0.3114	Ave		0.3155				4.0		15.0			
2,2-Dichloropropane	0.5868 0.4679	0.5638 0.4197	0.4773 0.4022	0.4968 0.3900	0.5072	Ave		0.4787				14.0		15.0			
cis-1,2-Dichloroethene	0.5193 0.5323	0.6305 0.4834	0.5838 0.4714	0.5781 0.4529	0.5703	Ave		0.5354				11.0		15.0			
2-Butanone	0.0317 0.0225	0.0289 0.0235	0.0259 0.0217	0.0252 0.0218	0.0234	Ave		0.0249				14.0		15.0			
Ethyl acetate	0.0265 0.0199	0.0226 0.0213	0.0244 0.0216	0.0227 0.0217	0.0220	Ave		0.0225				8.5		15.0			
Methacrylonitrile	0.1024 0.1035	0.1044 0.1055	0.1144 0.0980	0.1070 0.0958	0.1094	Ave		0.1044				5.4		15.0			
Chlorobromomethane	0.3662 0.3598	0.3630 0.3522	0.3714 0.3505	0.3688 0.3364	0.3834	Ave		0.3610				3.8		15.0			
Tetrahydrofuran	0.0930 0.0300	0.0609 0.0297	0.0457 0.0281	0.0353 0.0278	0.0342	Lin2	0.3215	0.0292							0.9960		0.9900
Chloroform	1.0351 0.9453	1.0726 0.9004	0.9547 0.8813	1.0069 0.8509	0.9903	Ave		0.9590				7.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.7794 0.7745	0.8322 0.7540	0.7575 0.7375	0.7820 0.7198	0.7958	Ave		0.7697				4.3		15.0			
Cyclohexane	0.9938 0.6930	0.9193 0.6380	0.7566 0.6094	0.7731 0.5880	0.7300	Lin2	0.3723	0.6658							0.9910		0.9900
1,1-Dichloropropene	0.7789 0.7075	0.7572 0.6830	0.7233 0.6588	0.7253 0.6269	0.7152	Ave		0.7079				6.6		15.0			
Carbon tetrachloride	0.7882 0.8087	0.8462 0.7760	0.7610 0.7695	0.8039 0.7437	0.8066	Ave		0.7887				3.9		15.0			
Isobutanol	0.0101 0.0074	0.0081 0.0082	0.0085 0.0079	0.0083 0.0078	0.0078	Ave		0.0082				9.4		15.0			
Benzene	2.0431 1.9718	2.1227 1.9145	2.0033 1.8618	2.0589 1.7780	2.0661	Ave		1.9785				5.6		15.0			
1,2-Dichloroethane	0.5906 0.5298	0.5993 0.5214	0.5784 0.5047	0.5632 0.4915	0.5591	Ave		0.5483				7.0		15.0			
Tert-amyl methyl ether	0.6445 0.6474	0.6528 0.6263	0.5911 0.6483	0.6545 0.6521	0.6240	Ave		0.6374				3.3		15.0			
n-Butyl alcohol	0.0037 0.0033	0.0030 0.0041	0.0029 0.0039	0.0035 0.0041	0.0034	Ave		0.0035				13.0		15.0			
Trichloroethene	0.4425 0.4636	0.4919 0.4667	0.4441 0.4807	0.4417 0.4863	0.4657	Ave		0.4650				4.1		15.0			
Methylcyclohexane	0.5752 0.6211	0.5977 0.5873	0.5567 0.5731	0.6043 0.5671	0.6314	Ave		0.5906				4.3		15.0			
1,2-Dichloropropane	0.3520 0.3463	0.3252 0.3393	0.3376 0.3298	0.3483 0.3203	0.3486	Ave		0.3387				3.3		15.0			
Dibromomethane	0.2292 0.2386	0.2737 0.2534	0.2550 0.2522	0.2383 0.2624	0.2470	Ave		0.2501				5.4		15.0			
Dichlorobromomethane	0.5025 0.5129	0.5280 0.5211	0.5077 0.5111	0.5011 0.5096	0.5226	Ave		0.5131				1.8		15.0			
2-Chloroethyl vinyl ether	0.0832 0.1208	0.0838 0.1275	0.0991 0.1283	0.1085 0.1280	0.1113	Lin2	-0.232	0.1198							0.9920		0.9900
cis-1,3-Dichloropropene	0.3645 0.4925	0.4013 0.5338	0.4102 0.5315	0.4297 0.5386	0.4688	Ave		0.4636				14.0		15.0			
4-Methyl-2-pentanone	0.0454 0.0661	0.0550 0.0694	0.0659 0.0657	0.0646 0.0650	0.0637	Ave		0.0623				12.0		15.0			
Toluene	1.3240 1.5474	1.4517 1.5795	1.4132 1.5481	1.4684 1.4960	1.5588	Ave		1.4880				5.6		15.0			
trans-1,3-Dichloropropene	0.2661 0.3443	0.2535 0.3865	0.2651 0.3909	0.2639 0.3997	0.3188	Qua2	-0.038	0.2891	0.0007						0.9950		0.9900
1,1,2-Trichloroethane	0.2317 0.2303	0.2499 0.2446	0.2343 0.2392	0.2260 0.2387	0.2360	Ave		0.2368				3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Tetrachloroethene	0.3830 0.4705	0.4495 0.5406	0.4535 0.5197	0.4693 0.6041	0.4130	Ave		0.4783				14.0		15.0			
1,3-Dichloropropane	0.3359 0.3510	0.3188 0.3779	0.3440 0.3647	0.3429 0.3650	0.3723	Ave		0.3526				5.4		15.0			
2-Hexanone	0.0386 0.0541	0.0447 0.0612	0.0540 0.0593	0.0502 0.0598	0.0521	Lin2	-0.099	0.0568							0.9960		0.9900
Chlorodibromomethane	0.3145 0.3451	0.3452 0.3714	0.3223 0.3626	0.3232 0.3634	0.3536	Ave		0.3447				5.9		15.0			
Ethylene Dibromide	0.2172 0.2319	0.2256 0.2443	0.2299 0.2381	0.2242 0.2421	0.2372	Ave		0.2324				3.9		15.0			
Chlorobenzene	3.0990 3.1176	3.0179 3.2302	2.7811 3.2169	2.8788 3.1144	2.9120	Ave		3.0409			0.3000	5.1		15.0			
1,1,1,2-Tetrachloroethane	1.0137 1.2185	1.0685 1.2163	1.0550 1.2011	1.0808 1.1480	1.1491	Ave		1.1279				6.7		15.0			
Ethylbenzene	3.7976 5.1068	4.0512 5.0005	4.3337 4.8953	4.6451 4.5503	4.7999	Ave		4.5756				9.6		15.0			
m-Xylene & p-Xylene	2.8314 3.9085	3.0939 3.8047	3.4433 3.6676	3.6763 3.3687	3.6986	Ave		3.4992				10.0		15.0			
o-Xylene	2.6284 3.9884	2.9560 3.8200	3.3935 3.6772	3.6954 3.4480	3.7954	Ave		3.4892				13.0		15.0			
Styrene	1.9897 2.9581	2.2572 3.0629	2.5819 2.9907	2.7669 2.8753	2.8567	Ave		2.7044				13.0		15.0			
Bromoform	0.5654 0.5826	0.4967 0.6240	0.5315 0.6289	0.5305 0.6279	0.5461	Ave		0.5704			0.1000	8.5		15.0			
Isopropylbenzene	2.9009 4.6065	3.3649 4.4352	3.8692 4.2854	4.1819 4.0711	4.4697	Ave		4.0205				14.0		15.0			
cis-1,4-Dichloro-2-butene	0.1388 0.2063	0.1395 0.2427	0.1720 0.2413	0.1695 0.2415	0.1945	Qua2	-0.277	0.1838	0.0001						0.9950		0.9900
1,1,2,2-Tetrachloroethane	0.7135 0.7273	0.7338 0.7218	0.7200 0.6790	0.7314 0.6557	0.7601	Ave		0.7158			0.3000	4.3		15.0			
Bromobenzene	1.1643 1.2838	1.1002 1.3717	1.1641 1.3853	1.1891 1.3708	1.1965	Ave		1.2473				8.6		15.0			
1,2,3-Trichloropropane	0.2220 0.1984	0.1659 0.2037	0.2151 0.1941	0.1775 0.1875	0.2016	Ave		0.1962				8.9		15.0			
trans-1,4-Dichloro-2-butene	0.1547 0.1576	0.1521 0.1687	0.1713 0.1545	0.1581 0.1483	0.1613	Ave		0.1585				4.7		15.0			
N-Propylbenzene	4.0901 5.5253	4.5074 5.3831	5.0537 5.1593	5.3310 4.8160	5.4364	Ave		5.0336				9.5		15.0			
2-Chlorotoluene	0.9241 1.2246	1.0244 1.2067	1.1007 1.1895	1.1689 1.1626	1.2040	Ave		1.1339				8.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3,5-Trimethylbenzene	2.5377 3.6868	3.1280 3.5157	3.3796 3.4238	3.5700 3.3089	3.7059	Ave		3.3618				11.0		15.0			
4-Chlorotoluene	0.9434 1.1719	1.0582 1.1939	1.0660 1.2125	1.1410 1.1724	1.1607	Ave		1.1245				7.7		15.0			
tert-Butylbenzene	2.1190 3.2490	2.3054 3.0943	2.6496 3.0287	3.0153 3.2011	3.1605	Ave		2.8692				14.0		15.0			
1,2,4-Trimethylbenzene	2.3805 3.6481	2.8607 3.5358	3.3297 3.3898	3.5539 3.3505	3.5654	Ave		3.2905				13.0		15.0			
sec-Butylbenzene	3.0572 4.5723	3.6214 4.3710	3.9263 4.2827	4.3354 4.2802	4.5739	Ave		4.1134				12.0		15.0			
4-Isopropyltoluene	2.4065 3.7838	2.8553 3.7963	3.1445 3.7189	3.6199 3.7330	3.7967	Ave		3.4283				15.0		15.0			
1,3-Dichlorobenzene	2.1451 2.3003	2.3924 2.4343	2.2309 2.4024	2.2889 2.4278	2.3594	Ave		2.3313				4.2		15.0			
1,4-Dichlorobenzene	2.1908 2.1844	2.1494 2.3287	2.1312 2.3109	2.1961 2.3418	2.2056	Ave		2.2265				3.6		15.0			
2-Ethyl-1-Hexanol	0.0119 0.0238	0.0139 0.0266	0.0165 0.0303	0.0225 0.0391	0.0250	Qua2	-0.243	0.0205	0						0.9920		0.9900
n-Butylbenzene	0.6105 0.9012	0.7542 0.9177	0.7530 0.9300	0.8868 0.9524	0.9288	Ave		0.8483				14.0		15.0			
1,2-Dichlorobenzene	1.9348 1.9407	1.9085 2.0127	1.8819 2.0014	2.0571 2.0646	2.0062	Ave		1.9787				3.3		15.0			
Hexachloroethane	0.6408 0.7233	0.6794 0.7311	0.6194 0.7275	0.7069 0.7515	0.7223	Ave		0.7002				6.4		15.0			
1,2-Dibromo-3-Chloropropane	0.0936 0.1165	0.1019 0.1297	0.0975 0.1352	0.1082 0.1468	0.1143	Qua2	-0.014	0.1068	0.0002						0.9990		0.9900
1,3,5-Trichlorobenzene	1.1930 1.6007	1.4078 1.7098	1.4113 1.7749	1.5140 1.9048	1.6099	Ave		1.5696				14.0		15.0			
1,2,4-Trichlorobenzene	0.9096 1.3320	1.0034 1.4722	0.9811 1.5331	1.1973 1.6557	1.2811	Qua2	-0.302	1.1761	0.0025						0.9970		0.9900
Hexachlorobutadiene	0.5393 0.7021	0.7104 0.7698	0.6311 0.8076	0.7047 0.8741	0.7169	Ave		0.7173				14.0		15.0			
Naphthalene	0.8434 1.9112	0.9634 2.1693	1.0279 2.2121	1.3952 2.3986	1.8038	Qua1	-1.592	1.7823	0.0031						0.9990		0.9900
1,2,3-Trichlorobenzene	0.8247 1.1256	0.8940 1.2533	0.8733 1.3017	1.0436 1.3983	1.1210	Qua2	-0.227	1.0241	0.0020						0.9980		0.9900
Fluorobenzene (Surr)	1.4494 1.4449	1.4298 1.3984	1.4569 1.4022	1.4770 1.2940	1.4552	Ave		1.4220				3.8		15.0			
Trifluorotoluene (Surr)	0.7135 0.7709	0.7601 0.8079	0.7320 0.8203	0.7220 0.8281	0.7191	Ave		0.7640				6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	0.8899 +++++	0.9275 +++++	0.9014 +++++	0.9421 0.9682	+++++	Ave		0.9262				3.4		15.0			
Ethylbenzene-d10	0.2740 0.3296	0.2624 +++++	0.2744 +++++	0.2916 +++++	0.3155	Ave		0.2914				9.1		15.0			
4-Bromofluorobenzene (Surr)	0.7872 +++++	0.8312 +++++	0.8763 +++++	0.8903 +++++	0.8506	Ave		0.8471				4.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-87749/3	G3015477.D
Level 2	STD2 580-87749/4	G3015478.D
Level 3	STD5 580-87749/5	G3015479.D
Level 4	STD10 580-87749/6	G3015480.D
Level 5	STD20 580-87749/7	G3015481.D
Level 6	STD50IS 580-87749/8	G3015482.D
Level 7	STD100 580-87749/9	Copy of G3015483.D
Level 8	STD150 580-87749/10	Copy of G3015484.D
Level 9	STD200 580-87749/11	Copy of G3015485.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	PFB	Ave	3783 169227	6691 341370	17109 544023	32717 746466	65598	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Chloromethane	PFB	Lin2	+++++ 209950	9399 416936	24596 629325	44691 805858	85196	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl chloride	PFB	Ave	3378 157470	6334 302269	16353 462259	32643 591321	61072	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Bromomethane	PFB	Qua2	+++++ 131008	5686 240989	14625 353847	29330 460937	53514	+++++ 50.0	2.00 100	5.00 150	10.0 200	20.0
Chloroethane	PFB	Ave	+++++ 31815	+++++ 58490	3479 85912	6472 118585	11969	+++++ 50.0	+++++ 99.9	5.00 150	9.99 200	20.0
Trichlorofluoromethane	PFB	Ave	8067 406902	15399 723976	40634 1132600	75262 1492882	147099	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Ethyl ether	PFB	Ave	13198 634605	23146 1182230	67617 1814175	121847 2439123	244032	5.01 250	10.0 501	25.0 751	50.1 1001	100
Acrolein	PFB	Qua2	2155 96815	3699 180412	10111 275273	17488 368836	33547	5.04 252	10.1 504	25.2 756	50.4 1008	101
1,1,2-Trichloro-1,2,2-trifluoroetha ne	PFB	Ave	4220 223745	8341 430824	22053 671419	41726 904483	87666	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
1,1-Dichloroethene	PFB	Ave	4281 235721	8930 423692	22912 670026	43277 882901	88953	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Acetone	PFB	Lin2	3546 141161	5609 278201	16900 410578	27733 550418	52620	5.00 250	10.0 500	25.0 750	50.0 1000	100
Iodomethane	PFB	Ave	55781 2992798	112344 5232978	296685 7934719	559961 9314772	1115468	5.03 251	10.1 503	25.1 754	50.3 1005	101
Carbon disulfide	PFB	Ave	12998 707162	26383 1296377	69030 2042639	131953 2643567	264355	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Acetonitrile	PFB	Ave	7110 373318	14438 702768	36233 1083697	69044 1400961	138007	10.00 500	20.0 1000	50.0 1499	100.0 1999	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methyl acetate	PFB	Ave	1748 92341	3873 189258	9540 286488	18319 401164	34087	5.03 251	10.1 503	25.1 754	50.3 1005	101
Methylene Chloride	PFB	Ave	4218 223853	8506 403805	22146 639860	42355 836963	84013	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
t-Butyl alcohol	PFB	Ave	808 34694	1131 70847	4157 106545	6772 137310	13302	5.00 250	10.0 500	25.0 750	50.0 1000	100
Methyl tert-butyl ether	PFB	Ave	6994 336767	11927 649621	34220 1059056	63959 1419607	113189	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
trans-1,2-Dichloroethene	PFB	Ave	5333 265262	10057 484805	26490 768028	51109 1007148	99493	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Acrylonitrile	PFB	Ave	3539 169906	6866 330777	17895 504343	31805 659694	65625	5.01 250	10.0 501	25.0 751	50.1 1001	100
Hexane	PFB	Ave	5210 259013	8650 492000	25221 781250	46446 1038133	97116	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
1,1-Dichloroethane	PFB	Ave	7203 392103	14367 722604	41090 1145503	71942 1505525	148946	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Diisopropyl ether	PFB	Ave	10774 555931	18902 1037135	55966 1604483	101605 2083549	193582	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl acetate	PFB	Ave	2403 129797	4119 253318	12424 402942	21078 508674	47446	5.03 252	10.1 503	25.2 755	50.3 1007	101
Ethyl t-butyl ether	PFB	Ave	3169 170248	5828 320754	16584 535653	30787 734747	59649	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2,2-Dichloropropane	PFB	Ave	5614 253602	9788 454671	24933 705273	47317 934687	97149	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,2-Dichloroethene	PFB	Ave	4978 289069	10968 524707	30558 828342	55172 1087537	109466	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Butanone	PFB	Ave	1517 60885	2505 127447	6767 190526	11983 260961	22373	5.00 250	10.0 500	25.0 750	50.0 1000	100
Ethyl acetate	PFB	Ave	1276 54362	1973 115999	6430 190990	10901 262235	21211	5.04 252	10.1 504	25.2 755	50.4 1007	101
Methacrylonitrile	PFB	Ave	4962 284191	9178 578922	30283 870320	51600 1163085	106185	5.07 253	10.1 507	25.3 760	50.7 1013	101
Chlorobromomethane	PFB	Ave	3509 195279	6311 382115	19430 615586	35178 807517	73556	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrahydrofuran	PFB	Lin2	4454 81327	5292 161120	11955 246794	16839 333944	32754	5.01 250	10.0 501	25.0 751	50.1 1001	100
Chloroform	PFB	Ave	9913 512861	18639 976434	49922 1547077	96000 2041330	189883	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,1,1-Trichloroethane	PFB	Ave	7453 419561	14440 816489	39553 1292609	74452 1724266	152356	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Cyclohexane	PFB	Lin2	9508 375595	15960 691240	39528 1068729	73633 1409155	139834	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1-Dichloropropene	PFB	Ave	7381 379801	13021 732958	37428 1144318	68425 1488220	135688	0.991 49.5	1.98 99.1	4.95 149	9.91 198	19.8
Carbon tetrachloride	PFB	Ave	7552 438964	14713 842001	39814 1351506	76688 1785129	154725	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Isobutanol	PFB	Ave	965 40003	1411 88362	4447 139133	7885 187326	14824	9.99 499	20.0 999	49.9 1498	99.9 1997	200
Benzene	PFB	Ave	19528 1067584	36814 2072069	104551 3261711	195909 4257100	395367	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,2-Dichloroethane	PFB	Ave	5648 287015	10398 564630	30203 884673	53618 1177357	107039	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Tert-amyl methyl ether	PFB	Ave	6166 350851	11333 678569	30879 1136930	62342 1562920	119532	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
n-Butyl alcohol	DFB	Ave	468 22919	659 55353	1987 84377	4462 117834	8581	10.0 501	20.0 1001	50.1 1502	100 2002	200
Trichloroethene	DFB	Ave	5605 323846	10971 632440	30704 1048698	55957 1411329	116061	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Methylcyclohexane	DFB	Ave	7281 433632	13324 795426	38469 1249514	76512 1644952	157275	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2-Dichloropropane	DFB	Ave	4556 247242	7412 469857	23857 735339	45091 950106	88796	1.02 51.1	2.04 102	5.11 153	10.2 204	20.4
Dibromomethane	DFB	Ave	2920 167668	6141 345436	17739 553377	30370 766091	61926	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1
Dichlorobromomethane	DFB	Ave	6371 358647	11788 706794	35139 1116086	63534 1480342	130371	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Chloroethyl vinyl ether	DFB	Lin2	5302 424429	9397 869330	34465 1407856	69145 1869430	139585	5.03 252	10.1 503	25.2 755	50.3 1006	101
cis-1,3-Dichloropropene	DFB	Ave	4580 341270	8878 717509	28134 1150096	53991 1550563	115903	0.992 49.6	1.98 99.2	4.96 149	9.92 198	19.8
4-Methyl-2-pentanone	DFB	Ave	2877 230809	6128 470401	22770 716187	40916 943240	79436	5.00 250	10.0 500	25.0 750	50.0 1000	100
Toluene	DFB	Ave	16761 1080294	32361 2139356	97663 3375428	185911 4339587	388272	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
trans-1,3-Dichloropropene	DFB	Qua2	3438 245305	5766 534190	18695 869812	34099 1183225	81031	1.02 51.0	2.04 102	5.10 153	10.2 204	20.4
1,1,2-Trichloroethane	DFB	Ave	2940 161211	5584 332067	16229 522817	28690 694274	58924	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrachloroethene	DFB	Ave	4858 329136	10039 733705	31402 1135383	59540 1755907	103082	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,3-Dichloropropane	DFB	Ave	4250 244918	7103 511574	23761 794869	43388 1058232	92700	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Hexanone	DFB	Lin2	2447 188999	4980 414721	18683 646833	31792 867095	64873	5.00 250	10.0 500	25.0 750	50.0 1000	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorodibromomethane	DFB	Ave	3953 239269	7640 499475	22119 785093	40640 1046914	87452	0.993 49.6	1.99 99.3	4.96 149	9.93 199	19.9
Ethylene Dibromide	DFB	Ave	2759 162453	5046 332103	15945 520875	28487 704849	59283	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
Chlorobenzene	DCB	Ave	13248 678820	23686 1392196	62653 2153563	117328 2823041	243552	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
1,1,1,2-Tetrachloroethane	DCB	Ave	4355 266654	8428 526831	23885 808105	44268 1045808	96591	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
Ethylbenzene	DCB	Ave	16259 1113616	31843 2158400	97776 3282075	189596 4130801	402061	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
m-Xylene & p-Xylene	DCB	Ave	24287 1707595	48723 3290204	155645 4926501	300635 6126866	620704	2.00 100	4.01 200	10.0 300	20.0 401	40.1
o-Xylene	DCB	Ave	11270 871036	23270 1651328	76679 2469086	151061 3134834	318401	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Styrene	DCB	Ave	8557 647971	17822 1328010	58514 2014185	113446 2621922	240367	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
Bromoform	DCB	Ave	2458 129025	3965 273519	12178 428166	21991 578815	46455	1.02 50.8	2.03 102	5.08 152	10.2 203	20.3
Isopropylbenzene	DCB	Ave	12432 1005528	26475 1916299	87382 2876043	170863 3699422	374776	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,4-Dichloro-2-butene	DCB	Qua2	2975 225321	5491 524571	19430 810203	34634 1097959	81580	5.01 250	10.0 501	25.0 751	50.1 1001	100
1,1,2,2-Tetrachloroethane	DCB	Ave	3064 159070	5785 312490	16294 456607	29945 597044	63858	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
Bromobenzene	DCB	Ave	5022 282055	8713 596526	26461 935731	48898 1253751	100977	1.01 50.4	2.01 101	5.04 151	10.1 201	20.1
1,2,3-Trichloropropane	DCB	Ave	961 43740	1318 88906	4907 131571	7325 172123	17073	1.01 50.5	2.02 101	5.05 152	10.1 202	20.2
trans-1,4-Dichloro-2-butene	DCB	Ave	3314 171900	5982 364254	19329 518099	32290 673314	67573	5.00 250	10.0 500	25.0 750	50.0 1000	100
N-Propylbenzene	DCB	Ave	17520 1205490	35447 2324691	114077 3460858	217705 4374140	455607	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2-Chlorotoluene	DCB	Ave	3976 268389	8092 523470	24957 801522	47949 1060720	101357	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
1,3,5-Trimethylbenzene	DCB	Ave	10881 805171	24624 1519778	76364 2298938	145934 3008369	310886	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Chlorotoluene	DCB	Ave	4051 256329	8343 516897	24123 815379	46712 1067480	97519	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
tert-Butylbenzene	DCB	Ave	9072 708497	18121 1335595	59779 2030637	123075 2905928	264739	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2,4-Trimethylbenzene	DCB	Ave	10253 800304	22621 1535344	75574 2286341	145928 3059827	300450	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
sec-Butylbenzene	DCB	Ave	13115 999069	28522 1890467	88761 2877134	177310 3893360	383901	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Isopropyltoluene	DCB	Ave	10298 824706	22432 1637779	70910 2492146	147679 3387100	317869	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,3-Dichlorobenzene	DCB	Ave	9193 502130	18824 1051803	50384 1612327	93521 2206205	197829	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,4-Dichlorobenzene	DCB	Ave	9375 476099	16886 1004662	48060 1548591	89592 2124825	184657	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Ethyl-1-Hexanol	DCB	Qua2	1274 129529	2725 286964	9294 508679	22970 886457	52255	25.0 1250	50.0 2499	125 3749	250 4998	500
n-Butylbenzene	DCB	Ave	2615 196620	5931 396316	16998 623863	36216 865060	77839	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2-Dichlorobenzene	DCB	Ave	8292 423636	15016 869610	42502 1343181	84050 1876122	168213	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Hexachloroethane	DCB	Ave	2753 158285	5359 316692	14023 489439	28954 684562	60719	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,2-Dibromo-3-Chloropropane	DCB	Qua2	402 25497	804 56194	2208 90971	4433 133727	9612	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,3,5-Trichlorobenzene	DCB	Ave	5110 349242	11071 738395	31858 1190569	61827 1730082	134920	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,4-Trichlorobenzene	DCB	Qua2	3869 288583	7836 631328	21991 1021194	48551 1493244	106610	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Hexachlorobutadiene	DCB	Ave	2310 153192	5587 332435	14246 541728	28776 793914	60083	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Naphthalene	DCB	Qua1	3618 417598	7588 938233	23237 1486097	57063 2181812	151398	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,2,3-Trichlorobenzene	DCB	Qua2	3508 243868	6981 537447	19574 867052	42320 1261111	93288	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Fluorobenzene (Surr)	PFB	Ave	69365 78340	62078 75781	76140 81997	70370 77564	69711	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Trifluorotoluene (Surr)	DFB	Ave	9033 538224	16945 1094378	50590 1788719	91422 2402436	179143	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Toluene-d8 (Surr)	DFB	Ave	56438 +++++	51790 +++++	62418 +++++	59759 70353	+++++	5.01 +++++	5.01 +++++	5.01 +++++	5.01 5.01	+++++
Ethylbenzene-d10	DFB	Ave	17353 23031	14635 +++++	18977 +++++	18475 +++++	19661	5.00 5.00	5.00 +++++	5.00 +++++	5.00 +++++	5.00
4-Bromofluorobenzene (Surr)	DCB	Ave	16896 +++++	16376 +++++	19824 +++++	18217 +++++	17859	5.01 +++++	5.01 +++++	5.01 +++++	5.01 +++++	5.01

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-26534-1 Analy Batch No.: 87749

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/13/2011 10:32 Calibration End Date: 06/13/2011 13:58 Calibration ID: 8128

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87392/17 Calibration Date: 06/07/2011 19:58

Instrument ID: TAC001 Calib Start Date: 06/07/2011 14:16

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/07/2011 18:45

Lab File ID: G3015379.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acrolein	Lin1		0.0287		217	250	-13.3	40.0
Acrylonitrile	Ave	0.0671	0.0592		224	254	-11.8	40.0
Fluorobenzene (Surr)	Ave	1.408	1.388		4.93	5.00	-1.5	25.0
Trifluorotoluene (Surr)	Ave	0.8111	0.9004		11.1	10.0	11.0	25.0
Toluene-d8 (Surr)	Ave	0.9322	0.8333		4.48	5.01	-10.6	25.0
Ethylbenzene-d10	Ave	0.3017	0.2744		4.55	5.00	-9.1	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8147	0.7044		4.33	5.01	-13.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87392/23 Calibration Date: 06/08/2011 12:14

Instrument ID: TAC001 Calib Start Date: 06/07/2011 14:16

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/07/2011 18:45

Lab File ID: G3015385.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4272	0.4391		51.4	50.0	2.8	25.0
Chloromethane	Qua2		0.4359	0.1000	42.9	50.0	-14.2	25.0
Vinyl chloride	Lin1		0.3511		57.5	50.0	15.0	25.0
Bromomethane	Qua1		0.2839		49.5	50.0	-1.0	25.0
Chloroethane	Qua1		0.0685		49.9	50.0	-0.2	25.0
Trichlorofluoromethane	Ave	0.8425	0.8265		49.1	50.0	-1.9	25.0
Ethyl ether	Ave	0.2572	0.2584		250	249	0.5	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4722	0.4772		49.1	48.6	1.1	40.0
1,1-Dichloroethene	Ave	0.4788	0.4530		46.8	49.5	-5.4	25.0
Acetonitrile	Ave	0.0733	0.0750		511	500	2.3	40.0
Methyl acetate	Ave	0.0365	0.0356		246	252	-2.6	40.0
Methylene Chloride	Lin1		0.4275		50.6	50.0	1.1	25.0
t-Butyl alcohol	Lin1		0.0130		243	250	-2.8	40.0
Methyl tert-butyl ether	Ave	0.7512	0.7094		47.2	50.0	-5.6	25.0
trans-1,2-Dichloroethene	Ave	0.5331	0.5204		48.9	50.1	-2.4	25.0
Hexane	Ave	0.5158	0.5517		53.6	50.1	7.0	40.0
1,1-Dichloroethane	Ave	0.8085	0.7887	0.1000	48.3	49.5	-2.5	25.0
Diisopropyl ether	Ave	1.147	1.116		48.7	50.0	-2.7	40.0
Ethyl t-butyl ether	Ave	0.3835	0.3644		47.5	50.0	-5.0	40.0
2,2-Dichloropropane	Ave	0.5423	0.5198		48.0	50.1	-4.1	25.0
cis-1,2-Dichloroethene	Ave	0.5824	0.5638		48.4	50.0	-3.2	25.0
Ethyl acetate	Ave	0.0216	0.0197		45.5	50.0	-9.0	40.0
Chlorobromomethane	Ave	0.3832	0.3906		50.5	49.6	1.9	25.0
Methacrylonitrile	Ave	0.1081	0.1098		508	500	1.6	40.0
Tetrahydrofuran	Lin2		0.0310		250	249	0.6	40.0
Chloroform	Ave	1.034	1.036		50.1	50.0	0.2	25.0
1,1,1-Trichloroethane	Ave	0.8575	0.8648		50.4	50.0	0.8	25.0
Cyclohexane	Lin2		0.7959		53.8	49.9	7.9	40.0
1,1-Dichloropropene	Ave	0.7567	0.8040		52.9	49.8	6.3	25.0
Carbon tetrachloride	Ave	0.8606	0.9032		52.6	50.1	4.9	25.0
Isobutanol	Ave	0.0082	0.0079		967	998	-3.1	40.0
Benzene	Ave	2.089	2.207		52.6	49.8	5.6	25.0
1,2-Dichloroethane	Ave	0.5713	0.5964		51.7	49.6	4.4	25.0
Tert-amyl methyl ether	Ave	0.7590	0.7734		50.9	50.0	1.9	40.0
n-Butyl alcohol	Ave	0.0036	0.0034		46.9	49.9	-5.9	40.0
Trichloroethene	Ave	0.4946	0.5268		53.3	50.0	6.5	25.0
Methylcyclohexane	Ave	0.6468	0.6938		53.7	50.1	7.3	40.0
1,2-Dichloropropane	Ave	0.3589	0.3591		50.0	50.0	0.0	25.0
Dibromomethane	Ave	0.2554	0.2575		49.7	49.3	0.8	25.0
Dichlorobromomethane	Ave	0.5378	0.5429		49.8	49.4	0.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87392/23 Calibration Date: 06/08/2011 12:14

Instrument ID: TAC001 Calib Start Date: 06/07/2011 14:16

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/07/2011 18:45

Lab File ID: G3015385.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,3-Dichloropropene	Ave	0.4701	0.5062		56.6	52.5	7.7	25.0
Toluene	Ave	1.552	1.711		55.2	50.0	10.3	25.0
trans-1,3-Dichloropropene	Lin1		0.3807		48.8	47.5	2.8	25.0
1,1,2-Trichloroethane	Ave	0.2396	0.2564		52.8	49.4	7.0	25.0
Tetrachloroethene	Ave	0.4102	0.4470		54.5	50.1	9.0	25.0
1,3-Dichloropropane	Ave	0.3566	0.3930		55.1	50.0	10.2	25.0
Chlorodibromomethane	Ave	0.3537	0.3773		52.9	49.6	6.7	25.0
Ethylene Dibromide	Ave	0.2283	0.2509		54.9	50.0	9.9	25.0
Chlorobenzene	Ave	2.931	3.118	0.3000	53.2	50.0	6.4	25.0
1,1,1,2-Tetrachloroethane	Ave	1.138	1.230		53.3	49.3	8.1	25.0
Ethylbenzene	Ave	4.498	5.087		56.1	49.6	13.1	25.0
m-Xylene & p-Xylene	Ave	3.412	3.900		114	100	14.3	25.0
o-Xylene	Ave	3.487	3.898		55.9	50.0	11.8	25.0
Styrene	Lin2		3.116		56.0	49.9	12.3	25.0
Bromoform	Ave	0.5521	0.5966	0.1000	53.8	49.8	8.1	25.0
Isopropylbenzene	Ave	4.047	4.269		52.7	50.0	5.5	25.0
cis-1,4-Dichloro-2-butene	Qua1		0.1826		51.9	49.3	5.3	40.0
1,1,2,2-Tetrachloroethane	Ave	0.7302	0.7302	0.3000	50.0	50.0	0.0	25.0
Bromobenzene	Ave	1.222	1.317		53.7	49.8	7.8	25.0
1,2,3-Trichloropropane	Ave	0.1981	0.2040		50.7	49.3	3.0	25.0
trans-1,4-Dichloro-2-butene	Lin2		0.1790		63.4	50.0	26.7	40.0
N-Propylbenzene	Ave	5.001	5.380		53.8	50.0	7.6	25.0
2-Chlorotoluene	Ave	1.134	1.272		55.5	49.5	12.2	25.0
1,3,5-Trimethylbenzene	Ave	3.377	3.912		58.0	50.0	15.9	25.0
4-Chlorotoluene	Ave	1.113	1.210		53.5	49.3	8.7	25.0
tert-Butylbenzene	Ave	2.851	3.358		58.7	49.8	17.8	25.0
1,2,4-Trimethylbenzene	Ave	3.308	3.817		57.8	50.1	15.4	25.0
sec-Butylbenzene	Ave	4.135	4.835		58.5	50.0	16.9	25.0
4-Isopropyltoluene	Ave	3.434	3.893		56.4	49.7	13.4	25.0
1,3-Dichlorobenzene	Ave	2.300	2.360		51.2	49.9	2.6	25.0
1,4-Dichlorobenzene	Ave	2.242	2.274		50.7	50.0	1.4	25.0
2-Ethyl-1-Hexanol	Qua2		0.0251		624	625	-0.0	40.0
n-Butylbenzene	Ave	0.8791	0.9821		55.3	49.5	11.7	25.0
1,2-Dichlorobenzene	Ave	1.991	2.050		50.6	49.1	3.0	25.0
Hexachloroethane	Ave	0.7213	0.7299		50.5	50.0	1.2	40.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1203		46.6	50.0	-6.8	25.0
1,2,4-Trichlorobenzene	Qua2		1.339		49.9	49.7	0.5	25.0
Hexachlorobutadiene	Ave	0.7586	0.7668		50.5	50.0	1.1	25.0
Naphthalene	Qua2		1.999		53.3	50.0	6.5	25.0
1,2,3-Trichlorobenzene	Ave	1.118	1.131		50.6	50.0	1.2	25.0
Fluorobenzene (Surr)	Ave	1.408	1.412		5.02	5.00	0.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87392/23 Calibration Date: 06/08/2011 12:14

Instrument ID: TAC001 Calib Start Date: 06/07/2011 14:16

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/07/2011 18:45

Lab File ID: G3015385.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	0.9322	1.004		5.39	5.01	7.7	25.0
Ethylbenzene-d10	Ave	0.3017	0.3583		5.94	5.00	18.8	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8147	0.9333		5.74	5.01	14.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87392/24 Calibration Date: 06/08/2011 12:39

Instrument ID: TAC001 Calib Start Date: 06/07/2011 14:16

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/07/2011 18:45

Lab File ID: G3015386.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetone	Lin1		0.0586		116	100	16.2	25.0
Iodomethane	Qua2		1.493		116	98.5	18.1	40.0
Carbon disulfide	Ave	1.474	1.742		118	100	18.2	25.0
Vinyl acetate	Ave	0.0506	0.0406		80.4	100	-19.7	40.0
2-Butanone	Ave	0.0243	0.0211		86.8	100	-13.2	25.0
2-Chloroethyl vinyl ether	Ave	0.1069	0.0960		89.4	99.6	-10.2	40.0
4-Methyl-2-pentanone	Ave	0.0644	0.0666		103	99.5	3.4	25.0
2-Hexanone	Ave	0.0505	0.0492		95.4	98.1	-2.7	25.0
Fluorobenzene (Surr)	Ave	1.408	1.381		4.90	5.00	-2.0	25.0
Toluene-d8 (Surr)	Ave	0.9322	0.9257		4.97	5.01	-0.7	25.0
Ethylbenzene-d10	Ave	0.3017	0.2867		4.75	5.00	-5.0	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8147	0.7416		4.56	5.01	-9.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: CCVIS 580-87591/8 Calibration Date: 06/09/2011 17:10

Instrument ID: TAC001 Calib Start Date: 06/07/2011 14:16

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/07/2011 18:45

Lab File ID: G3015422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4272	0.3873		45.3	50.0	-9.4	
Chloromethane	Qua2		0.4310	0.1000	42.4	50.0	-15.2	
Vinyl chloride	Lin1		0.3194		52.3	50.0	4.6	20.0
Bromomethane	Qua1		0.2724		47.3	50.0	-5.4	
Chloroethane	Qua1		0.0612		44.1	50.0	-11.7	
Trichlorofluoromethane	Ave	0.8425	0.8072		47.9	50.0	-4.2	
Ethyl ether	Ave	0.2572	0.2424		236	250	-5.7	
Acrolein	Lin1		0.0350		267	252	5.8	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4722	0.4504		47.6	49.9	-4.6	
1,1-Dichloroethene	Ave	0.4788	0.4443		46.4	50.0	-7.2	20.0
Acetone	Lin1		0.0526		266	250	6.4	
Iodomethane	Qua2		1.125		233	251	-7.1	
Carbon disulfide	Ave	1.474	1.390		47.2	50.1	-5.8	
Acetonitrile	Ave	0.0733	0.0717		489	500	-2.1	
Methyl acetate	Ave	0.0365	0.0353		243	251	-3.4	
Methylene Chloride	Lin1		0.4195		49.4	49.9	-1.0	
t-Butyl alcohol	Lin1		0.0135		253	250	1.3	
Methyl tert-butyl ether	Ave	0.7512	0.6856		45.6	50.0	-8.7	
trans-1,2-Dichloroethene	Ave	0.5331	0.5135		48.2	50.0	-3.7	
Acrylonitrile	Ave	0.0671	0.0651		243	250	-3.0	
Hexane	Ave	0.5158	0.4950		48.1	50.1	-4.0	
1,1-Dichloroethane	Ave	0.8085	0.7529	0.1000	46.5	50.0	-6.9	
Diisopropyl ether	Ave	1.147	1.097		47.8	50.0	-4.4	
Vinyl acetate	Ave	0.0506	0.0463		231	252	-8.4	
Ethyl t-butyl ether	Ave	0.3835	0.3569		46.5	50.0	-6.9	
2,2-Dichloropropane	Ave	0.5423	0.5065		46.7	50.0	-6.6	
cis-1,2-Dichloroethene	Ave	0.5824	0.5448		46.9	50.1	-6.5	
2-Butanone	Ave	0.0243	0.0235		242	250	-3.3	
Ethyl acetate	Ave	0.0216	0.0205		240	252	-4.9	
Chlorobromomethane	Ave	0.3832	0.3712		48.5	50.1	-3.2	
Methacrylonitrile	Ave	0.1081	0.1076		252	253	-0.4	
Tetrahydrofuran	Lin2		0.0310		252	250	0.8	
Chloroform	Ave	1.034	1.003		48.6	50.1	-2.9	20.0
1,1,1-Trichloroethane	Ave	0.8575	0.8275		48.2	50.0	-3.5	
Cyclohexane	Lin2		0.7308		49.5	50.0	-1.0	
1,1-Dichloropropene	Ave	0.7567	0.7501		49.1	49.5	-0.9	
Carbon tetrachloride	Ave	0.8606	0.8493		49.4	50.1	-1.3	
Isobutanol	Ave	0.0082	0.0080		486	499	-2.6	
Benzene	Ave	2.089	2.073		49.6	50.0	-0.8	
1,2-Dichloroethane	Ave	0.5713	0.5500		48.1	50.0	-3.7	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: CCVIS 580-87591/8 Calibration Date: 06/09/2011 17:10

Instrument ID: TAC001 Calib Start Date: 06/07/2011 14:16

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/07/2011 18:45

Lab File ID: G3015422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.7590	0.7301		48.1	50.0	-3.8	
n-Butyl alcohol	Ave	0.0036	0.0035		490	501	-2.2	
Trichloroethene	Ave	0.4946	0.4748		48.0	50.0	-4.0	
Methylcyclohexane	Ave	0.6468	0.6441		49.8	50.0	-0.4	
1,2-Dichloropropane	Ave	0.3589	0.3458		49.2	51.1	-3.6	20.0
Dibromomethane	Ave	0.2554	0.2354		46.4	50.3	-7.8	
Dichlorobromomethane	Ave	0.5378	0.5144		47.9	50.1	-4.4	
2-Chloroethyl vinyl ether	Ave	0.1069	0.1143		269	252	7.0	
cis-1,3-Dichloropropene	Ave	0.4701	0.4840		51.1	49.6	3.0	
4-Methyl-2-pentanone	Ave	0.0644	0.0677		263	250	5.1	
Toluene	Ave	1.552	1.556		50.1	50.0	0.3	20.0
trans-1,3-Dichloropropene	Lin1		0.3245		44.7	51.0	-12.4	
1,1,2-Trichloroethane	Ave	0.2396	0.2245		46.9	50.1	-6.3	
Tetrachloroethene	Ave	0.4102	0.4805		58.7	50.1	17.2	
1,3-Dichloropropane	Ave	0.3566	0.3445		48.2	50.0	-3.4	
2-Hexanone	Ave	0.0505	0.0524		259	250	3.7	
Chlorodibromomethane	Ave	0.3537	0.3343		46.9	49.6	-5.5	
Ethylene Dibromide	Ave	0.2283	0.2202		48.4	50.2	-3.5	
Chlorobenzene	Ave	2.931	2.842	0.3000	48.4	49.9	-3.0	
1,1,1,2-Tetrachloroethane	Ave	1.138	1.148		50.6	50.2	0.9	
Ethylbenzene	Ave	4.498	4.709		52.3	50.0	4.7	20.0
m-Xylene & p-Xylene	Ave	3.412	3.682		108	100	7.9	
o-Xylene	Ave	3.487	3.761		54.0	50.1	7.9	
Styrene	Lin2		2.793		50.6	50.2	0.8	
Bromoform	Ave	0.5521	0.5422	0.1000	49.8	50.8	-1.8	
Isopropylbenzene	Ave	4.047	4.451		55.0	50.0	10.0	
cis-1,4-Dichloro-2-butene	Qua1		0.1929		250	250	-0.2	
1,1,2,2-Tetrachloroethane	Ave	0.7302	0.7027	0.3000	48.2	50.1	-3.8	
Bromobenzene	Ave	1.222	1.213		50.0	50.4	-0.7	
1,2,3-Trichloropropane	Ave	0.1981	0.1873		47.8	50.5	-5.5	
trans-1,4-Dichloro-2-butene	Lin2		0.1487		260	250	4.0	
N-Propylbenzene	Ave	5.001	5.309		53.1	50.0	6.2	
2-Chlorotoluene	Ave	1.134	1.179		52.2	50.2	4.0	
1,3,5-Trimethylbenzene	Ave	3.377	3.639		53.9	50.1	7.8	
4-Chlorotoluene	Ave	1.113	1.135		51.1	50.1	2.0	
tert-Butylbenzene	Ave	2.851	3.225		56.5	50.0	13.1	
1,2,4-Trimethylbenzene	Ave	3.308	3.572		54.3	50.3	8.0	
sec-Butylbenzene	Ave	4.135	4.572		55.4	50.1	10.6	
4-Isopropyltoluene	Ave	3.434	3.822		55.6	50.0	11.3	
1,3-Dichlorobenzene	Ave	2.300	2.271		49.4	50.0	-1.2	
1,4-Dichlorobenzene	Ave	2.242	2.164		48.2	50.0	-3.5	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: CCVIS 580-87591/8 Calibration Date: 06/09/2011 17:10

Instrument ID: TAC001 Calib Start Date: 06/07/2011 14:16

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/07/2011 18:45

Lab File ID: G3015422.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Ethyl-1-Hexanol	Qua2		0.0267		1220	1250	-2.2	
n-Butylbenzene	Ave	0.8791	0.9095		51.7	50.0	3.5	
1,2-Dichlorobenzene	Ave	1.991	1.922		48.3	50.0	-3.5	
Hexachloroethane	Ave	0.7213	0.7335		51.0	50.2	1.7	
1,2-Dibromo-3-Chloropropane	Lin2		0.1192		46.3	50.2	-7.7	
1,3,5-Trichlorobenzene	Ave	1.622	1.610		49.6	50.0	-0.8	
1,2,4-Trichlorobenzene	Qua2		1.364		50.8	49.7	2.3	
Hexachlorobutadiene	Ave	0.7586	0.7141		47.1	50.0	-5.9	
Naphthalene	Qua2		1.986		53.1	50.1	6.0	
1,2,3-Trichlorobenzene	Ave	1.118	1.133		50.3	49.7	1.3	
Fluorobenzene (Surr)	Ave	1.408	1.457		5.18	5.00	3.5	
Trifluorotoluene (Surr)	Ave	0.8111	0.7927		48.8	50.0	-2.3	
Toluene-d8 (Surr)	Ave	0.9322	0.9938		5.34	5.01	6.6	
Ethylbenzene-d10	Ave	0.3017	0.3432		5.69	5.00	13.8	
4-Bromofluorobenzene (Surr)	Ave	0.8147	0.8832		5.43	5.01	8.4	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87749/15 Calibration Date: 06/13/2011 15:40

Instrument ID: TAC001 Calib Start Date: 06/13/2011 10:32

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/13/2011 13:58

Lab File ID: G3015489.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acrolein	Qua2		0.0229		161	250	-35.5	40.0
Acrylonitrile	Ave	0.0658	0.0547		211	254	-16.8	40.0
Fluorobenzene (Surr)	Ave	1.422	1.450		5.10	5.00	1.9	25.0
Trifluorotoluene (Surr)	Ave	0.7640	0.8499		11.1	10.0	11.2	25.0
Toluene-d8 (Surr)	Ave	0.9262	0.8464		4.58	5.01	-8.6	25.0
Ethylbenzene-d10	Ave	0.2914	0.2600		4.46	5.00	-10.8	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8471	0.7683		4.54	5.01	-9.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87749/16 Calibration Date: 06/13/2011 16:06

Instrument ID: TAC001 Calib Start Date: 06/13/2011 10:32

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/13/2011 13:58

Lab File ID: G3015490.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3381	0.3994		59.1	50.0	18.1	25.0
Chloromethane	Lin2		0.4292	0.1000	54.9	50.0	9.8	25.0
Vinyl chloride	Ave	0.3078	0.3333		54.1	50.0	8.3	25.0
Bromomethane	Qua2		0.2652		52.1	50.0	4.2	25.0
Chloroethane	Ave	0.0583	0.0666		57.1	50.0	14.2	25.0
Trichlorofluoromethane	Ave	0.7499	0.8081		53.9	50.0	7.8	25.0
Ethyl ether	Ave	0.2412	0.2554		263	249	5.9	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4241	0.4667		53.4	48.6	10.0	40.0
1,1-Dichloroethene	Ave	0.4330	0.3978		45.5	49.5	-8.1	25.0
Acetonitrile	Ave	0.0695	0.0744		535	500	7.1	40.0
Methyl acetate	Ave	0.0361	0.0355		248	252	-1.8	40.0
Methylene Chloride	Ave	0.4160	0.3996		48.0	50.0	-4.0	25.0
t-Butyl alcohol	Ave	0.0137	0.0119		218	250	-12.9	40.0
Methyl tert-butyl ether	Ave	0.6387	0.6738		52.7	50.0	5.5	25.0
trans-1,2-Dichloroethene	Ave	0.4991	0.4746		47.6	50.1	-4.9	25.0
Hexane	Ave	0.4796	0.5232		54.6	50.1	9.1	40.0
1,1-Dichloroethane	Ave	0.7300	0.7057	0.1000	47.8	49.5	-3.3	25.0
Diisopropyl ether	Ave	1.014	1.060		52.3	50.0	4.6	40.0
Ethyl t-butyl ether	Ave	0.3155	0.3461		54.9	50.0	9.7	40.0
2,2-Dichloropropane	Ave	0.4787	0.4634		48.4	50.1	-3.2	25.0
cis-1,2-Dichloroethene	Ave	0.5354	0.5389		50.3	50.0	0.7	25.0
Ethyl acetate	Ave	0.0225	0.0186		41.4	50.0	-17.2	40.0
Chlorobromomethane	Ave	0.3610	0.3683		50.6	49.6	2.0	25.0
Methacrylonitrile	Ave	0.1044	0.1042		499	500	-0.2	40.0
Tetrahydrofuran	Lin2		0.0300		245	249	-1.7	40.0
Chloroform	Ave	0.9590	0.9561		49.9	50.0	-0.3	25.0
1,1,1-Trichloroethane	Ave	0.7697	0.7861		51.1	50.0	2.1	25.0
Cyclohexane	Lin2		0.7629		56.6	49.9	13.5	40.0
1,1-Dichloropropene	Ave	0.7079	0.7282		51.2	49.8	2.9	25.0
Carbon tetrachloride	Ave	0.7887	0.8027		51.0	50.1	1.8	25.0
Isobutanol	Ave	0.0082	0.0072		869	998	-12.9	40.0
Benzene	Ave	1.979	1.992		50.1	49.8	0.7	25.0
1,2-Dichloroethane	Ave	0.5483	0.5443		49.2	49.6	-0.7	25.0
Tert-amyl methyl ether	Ave	0.6374	0.7258		56.9	50.0	13.9	40.0
n-Butyl alcohol	Ave	0.0035	0.0031		44.1	49.9	-11.6	40.0
Trichloroethene	Ave	0.4650	0.4921		52.9	50.0	5.8	25.0
Methylcyclohexane	Ave	0.5906	0.6769		57.4	50.1	14.6	40.0
1,2-Dichloropropane	Ave	0.3387	0.3271		48.3	50.0	-3.4	25.0
Dibromomethane	Ave	0.2501	0.2401		47.4	49.3	-4.0	25.0
Dichlorobromomethane	Ave	0.5131	0.4929		47.4	49.4	-3.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87749/16 Calibration Date: 06/13/2011 16:06

Instrument ID: TAC001 Calib Start Date: 06/13/2011 10:32

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/13/2011 13:58

Lab File ID: G3015490.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,3-Dichloropropene	Ave	0.4636	0.4294		48.6	52.5	-7.4	25.0
Toluene	Ave	1.488	1.517		51.0	50.0	1.9	25.0
trans-1,3-Dichloropropene	Qua2		0.3089		46.1	47.5	-2.9	25.0
1,1,2-Trichloroethane	Ave	0.2368	0.2200		45.9	49.4	-7.1	25.0
Tetrachloroethene	Ave	0.4783	0.4295		44.9	50.1	-10.2	25.0
1,3-Dichloropropane	Ave	0.3526	0.3283		46.5	50.0	-6.9	25.0
Chlorodibromomethane	Ave	0.3447	0.3149		45.3	49.6	-8.6	25.0
Ethylene Dibromide	Ave	0.2324	0.2131		45.8	50.0	-8.3	25.0
Chlorobenzene	Ave	3.041	2.993	0.3000	49.2	50.0	-1.6	25.0
1,1,1,2-Tetrachloroethane	Ave	1.128	1.237		54.1	49.3	9.7	25.0
Ethylbenzene	Ave	4.576	4.979		54.0	49.6	8.8	25.0
m-Xylene & p-Xylene	Ave	3.499	3.806		109	100	8.8	25.0
o-Xylene	Ave	3.489	3.907		56.0	50.0	12.0	25.0
Styrene	Ave	2.704	2.989		55.1	49.9	10.5	25.0
Bromoform	Ave	0.5704	0.5467	0.1000	47.8	49.8	-4.2	25.0
Isopropylbenzene	Ave	4.021	4.272		53.1	50.0	6.3	25.0
cis-1,4-Dichloro-2-butene	Qua2		0.1604		43.7	49.3	-11.3	40.0
1,1,2,2-Tetrachloroethane	Ave	0.7158	0.7174	0.3000	50.1	50.0	0.2	25.0
Bromobenzene	Ave	1.247	1.272		50.7	49.8	2.0	25.0
1,2,3-Trichloropropane	Ave	0.1962	0.1921		48.2	49.3	-2.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.1585	0.1658		52.3	50.0	4.6	40.0
N-Propylbenzene	Ave	5.034	5.367		53.3	50.0	6.6	25.0
2-Chlorotoluene	Ave	1.134	1.262		55.1	49.5	11.3	25.0
1,3,5-Trimethylbenzene	Ave	3.362	3.960		58.9	50.0	17.8	25.0
4-Chlorotoluene	Ave	1.124	1.183		51.8	49.3	5.2	25.0
tert-Butylbenzene	Ave	2.869	3.416		59.3	49.8	19.1	25.0
1,2,4-Trimethylbenzene	Ave	3.290	3.830		58.3	50.1	16.4	25.0
sec-Butylbenzene	Ave	4.113	4.853		59.0	50.0	18.0	25.0
4-Isopropyltoluene	Ave	3.428	3.931		57.0	49.7	14.7	25.0
1,3-Dichlorobenzene	Ave	2.331	2.347		50.2	49.9	0.7	25.0
1,4-Dichlorobenzene	Ave	2.227	2.269		50.9	50.0	1.9	25.0
2-Ethyl-1-Hexanol	Qua2		0.0270		747	625	19.6	40.0
n-Butylbenzene	Ave	0.8483	1.000		58.3	49.5	17.9	25.0
1,2-Dichlorobenzene	Ave	1.979	2.075		51.5	49.1	4.9	25.0
Hexachloroethane	Ave	0.7002	0.7378		52.6	50.0	5.4	40.0
1,2-Dibromo-3-Chloropropane	Qua2		0.1134		48.8	50.0	-2.4	25.0
1,2,4-Trichlorobenzene	Qua2		1.433		54.4	49.7	9.5	25.0
Hexachlorobutadiene	Ave	0.7173	0.8030		55.9	50.0	11.9	25.0
Naphthalene	Qua1		2.078		54.1	50.0	8.1	25.0
1,2,3-Trichlorobenzene	Qua2		1.210		53.8	50.0	7.5	25.0
Fluorobenzene (Surr)	Ave	1.422	1.404		4.94	5.00	-1.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87749/16 Calibration Date: 06/13/2011 16:06

Instrument ID: TAC001 Calib Start Date: 06/13/2011 10:32

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/13/2011 13:58

Lab File ID: G3015490.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Trifluorotoluene (Surr)	Ave	0.7640	0.8236		10.8	10.0	7.8	25.0
Toluene-d8 (Surr)	Ave	0.9262	0.9255		5.00	5.01	-0.0	25.0
Ethylbenzene-d10	Ave	0.2914	0.3301		5.67	5.00	13.3	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8471	0.8501		5.03	5.01	0.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICV 580-87749/17 Calibration Date: 06/13/2011 16:32

Instrument ID: TAC001 Calib Start Date: 06/13/2011 10:32

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/13/2011 13:58

Lab File ID: G3015491.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetone	Lin2		0.0507		95.6	100	-4.4	25.0
Iodomethane	Ave	1.070	1.166		107	98.5	8.9	40.0
Carbon disulfide	Ave	1.301	1.331		102	100	2.3	25.0
Vinyl acetate	Ave	0.0466	0.0386		82.8	100	-17.2	40.0
2-Butanone	Ave	0.0249	0.0214		85.6	100	-14.3	25.0
2-Chloroethyl vinyl ether	Lin2		0.1187		101	99.6	1.1	40.0
4-Methyl-2-pentanone	Ave	0.0623	0.0653		104	99.5	4.7	25.0
2-Hexanone	Lin2		0.0573		101	98.1	2.6	25.0
Fluorobenzene (Surr)	Ave	1.422	1.440		5.07	5.00	1.3	25.0
Trifluorotoluene (Surr)	Ave	0.7640	0.8417		11.0	10.0	10.2	25.0
Toluene-d8 (Surr)	Ave	0.9262	0.9614		5.20	5.01	3.8	25.0
Ethylbenzene-d10	Ave	0.2914	0.2915		5.00	5.00	0.0	25.0
4-Bromofluorobenzene (Surr)	Ave	0.8471	0.8288		4.90	5.01	-2.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: CCVIS 580-88141/3 Calibration Date: 06/16/2011 14:04

Instrument ID: TAC001 Calib Start Date: 06/13/2011 10:32

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/13/2011 13:58

Lab File ID: G3015584.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3381	0.2962		43.8	50.0	-12.4	
Chloromethane	Lin2		0.3286	0.1000	41.8	50.0	-16.4	
Vinyl chloride	Ave	0.3078	0.2465		40.0	50.0	-19.9	20.0
Bromomethane	Qua2		0.2018		38.6	50.0	-22.8	
Chloroethane	Ave	0.0583	0.0542		46.5	50.0	-7.0	
Trichlorofluoromethane	Ave	0.7499	0.7032		46.9	50.0	-6.2	
Ethyl ether	Ave	0.2412	0.2341		243	250	-3.0	
Acrolein	Qua2		0.0326		235	252	-6.7	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4241	0.4035		47.4	49.9	-4.9	
1,1-Dichloroethene	Ave	0.4330	0.4048		46.7	50.0	-6.5	20.0
Acetone	Lin2		0.0488		233	250	-6.7	
Iodomethane	Ave	1.070	1.006		236	251	-6.1	
Carbon disulfide	Ave	1.301	1.191		45.9	50.1	-8.4	
Acetonitrile	Ave	0.0695	0.0621		447	500	-10.6	
Methyl acetate	Ave	0.0361	0.0356		248	251	-1.4	
Methylene Chloride	Ave	0.4160	0.3806		45.6	49.9	-8.5	
t-Butyl alcohol	Ave	0.0137	0.0119		217	250	-13.3	
Methyl tert-butyl ether	Ave	0.6387	0.6415		50.2	50.0	0.4	
trans-1,2-Dichloroethene	Ave	0.4991	0.4610		46.2	50.0	-7.6	
Acrylonitrile	Ave	0.0658	0.0592		225	250	-10.0	
Hexane	Ave	0.4796	0.4640		48.5	50.1	-3.3	
1,1-Dichloroethane	Ave	0.7300	0.6922	0.1000	47.4	50.0	-5.2	
Diisopropyl ether	Ave	1.014	1.007		49.7	50.0	-0.7	
Vinyl acetate	Ave	0.0466	0.0502		271	252	7.7	
Ethyl t-butyl ether	Ave	0.3155	0.3251		51.5	50.0	3.1	
2,2-Dichloropropane	Ave	0.4787	0.4552		47.5	50.0	-4.9	
cis-1,2-Dichloroethene	Ave	0.5354	0.5108		47.8	50.1	-4.6	
2-Butanone	Ave	0.0249	0.0240		240	250	-3.9	
Ethyl acetate	Ave	0.0225	0.0233		261	252	3.5	
Chlorobromomethane	Ave	0.3610	0.3515		48.8	50.1	-2.6	
Methacrylonitrile	Ave	0.1044	0.1088		264	253	4.2	
Tetrahydrofuran	Lin2		0.0300		246	250	-1.8	
Chloroform	Ave	0.9590	0.9057		47.3	50.1	-5.6	20.0
1,1,1-Trichloroethane	Ave	0.7697	0.7552		49.0	50.0	-1.9	
Cyclohexane	Lin2		0.6636		49.3	50.0	-1.4	
1,1-Dichloropropene	Ave	0.7079	0.6953		48.6	49.5	-1.8	
Carbon tetrachloride	Ave	0.7887	0.7733		49.1	50.1	-2.0	
Isobutanol	Ave	0.0082	0.0075		453	499	-9.3	
Benzene	Ave	1.979	1.939		48.9	50.0	-2.0	
1,2-Dichloroethane	Ave	0.5483	0.5404		49.3	50.0	-1.4	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: CCVIS 580-88141/3 Calibration Date: 06/16/2011 14:04

Instrument ID: TAC001 Calib Start Date: 06/13/2011 10:32

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/13/2011 13:58

Lab File ID: G3015584.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.6374	0.6857		53.8	50.0	7.6	
n-Butyl alcohol	Ave	0.0035	0.0037		520	501	3.8	
Trichloroethene	Ave	0.4650	0.4698		50.5	50.0	1.0	
Methylcyclohexane	Ave	0.5906	0.5980		50.6	50.0	1.2	
1,2-Dichloropropane	Ave	0.3387	0.3450		52.0	51.1	1.8	20.0
Dibromomethane	Ave	0.2501	0.2532		50.9	50.3	1.2	
Dichlorobromomethane	Ave	0.5131	0.5082		49.6	50.1	-1.0	
2-Chloroethyl vinyl ether	Lin2		0.1370		290	252	15.1	
cis-1,3-Dichloropropene	Ave	0.4636	0.5137		55.0	49.6	10.8	
4-Methyl-2-pentanone	Ave	0.0623	0.0720		289	250	15.6	
Toluene	Ave	1.488	1.591		53.4	50.0	6.9	20.0
trans-1,3-Dichloropropene	Qua2		0.3655		57.2	51.0	12.2	
1,1,2-Trichloroethane	Ave	0.2368	0.2511		53.1	50.1	6.0	
Tetrachloroethene	Ave	0.4783	0.5032		52.7	50.1	5.2	
1,3-Dichloropropane	Ave	0.3526	0.3804		53.9	50.0	7.9	
2-Hexanone	Lin2		0.0613		272	250	8.6	
Chlorodibromomethane	Ave	0.3447	0.3556		51.2	49.6	3.1	
Ethylene Dibromide	Ave	0.2324	0.2501		54.0	50.2	7.7	
Chlorobenzene	Ave	3.041	3.052	0.3000	50.1	49.9	0.4	
1,1,1,2-Tetrachloroethane	Ave	1.128	1.123		49.9	50.2	-0.4	
Ethylbenzene	Ave	4.576	4.950		54.1	50.0	8.2	20.0
m-Xylene & p-Xylene	Ave	3.499	3.760		108	100	7.4	
o-Xylene	Ave	3.489	3.775		54.1	50.1	8.2	
Styrene	Ave	2.704	2.957		54.9	50.2	9.3	
Bromoform	Ave	0.5704	0.5377	0.1000	47.8	50.8	-5.7	
Isopropylbenzene	Ave	4.021	4.419		55.0	50.0	9.9	
cis-1,4-Dichloro-2-butene	Qua2		0.1646		208	250	-16.8	
1,1,2,2-Tetrachloroethane	Ave	0.7158	0.7410	0.3000	51.9	50.1	3.5	
Bromobenzene	Ave	1.247	1.301		52.5	50.4	4.3	
1,2,3-Trichloropropane	Ave	0.1962	0.2043		52.6	50.5	4.1	
trans-1,4-Dichloro-2-butene	Ave	0.1585	0.1372		216	250	-13.4	
N-Propylbenzene	Ave	5.034	5.387		53.5	50.0	7.0	
2-Chlorotoluene	Ave	1.134	1.195		52.9	50.2	5.4	
1,3,5-Trimethylbenzene	Ave	3.362	3.521		52.4	50.1	4.7	
4-Chlorotoluene	Ave	1.124	1.169		52.1	50.1	3.9	
tert-Butylbenzene	Ave	2.869	3.114		54.2	50.0	8.5	
1,2,4-Trimethylbenzene	Ave	3.290	3.495		53.4	50.3	6.2	
sec-Butylbenzene	Ave	4.113	4.434		54.0	50.1	7.8	
4-Isopropyltoluene	Ave	3.428	3.699		53.9	50.0	7.9	
1,3-Dichlorobenzene	Ave	2.331	2.360		50.6	50.0	1.2	
1,4-Dichlorobenzene	Ave	2.227	2.259		50.7	50.0	1.5	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: CCVIS 580-88141/3 Calibration Date: 06/16/2011 14:04

Instrument ID: TAC001 Calib Start Date: 06/13/2011 10:32

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 06/13/2011 13:58

Lab File ID: G3015584.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Ethyl-1-Hexanol	Qua2		0.0258		1320	1250	5.3	
n-Butylbenzene	Ave	0.8483	0.8823		52.0	50.0	4.0	
1,2-Dichlorobenzene	Ave	1.979	1.963		49.6	50.0	-0.8	
Hexachloroethane	Ave	0.7002	0.6404		45.9	50.2	-8.5	
1,2-Dibromo-3-Chloropropane	Qua2		0.1190		51.1	50.2	1.9	
1,3,5-Trichlorobenzene	Ave	1.570	1.549		49.3	50.0	-1.3	
1,2,4-Trichlorobenzene	Qua2		1.306		50.0	49.7	0.7	
Hexachlorobutadiene	Ave	0.7173	0.6342		44.2	50.0	-11.6	
Naphthalene	Qua1		1.916		50.3	50.1	0.4	
1,2,3-Trichlorobenzene	Qua2		1.066		47.6	49.7	-4.1	
Fluorobenzene (Surr)	Ave	1.422	1.396		4.91	5.00	-1.8	
Trifluorotoluene (Surr)	Ave	0.7640	0.7980		52.2	50.0	4.4	
Toluene-d8 (Surr)	Ave	0.9262	0.9896		5.35	5.01	6.9	
Ethylbenzene-d10	Ave	0.2914	0.3378		5.80	5.00	15.9	
4-Bromofluorobenzene (Surr)	Ave	0.8471	0.9460		5.60	5.01	11.7	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-87591/11

Matrix: Water | Lab File ID: G3015425.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 18:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-87591/11

Matrix: Water | Lab File ID: G3015425.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 06/09/2011 18:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 87591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	94		80-120
2037-26-5	Toluene-d8 (Surr)	89		85-120
25837-05-2	Ethylbenzene-d10	89		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		75-120
98-08-8	Trifluorotoluene (Surr)	111		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-88141/7

Matrix: Water | Lab File ID: G3015588.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 06/16/2011 15:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 88141 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-88141/7

Matrix: Water | Lab File ID: G3015588.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 06/16/2011 15:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 88141 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	99		80-120
2037-26-5	Toluene-d8 (Surr)	90		85-120
25837-05-2	Ethylbenzene-d10	92		80-120
460-00-4	4-Bromofluorobenzene (Surr)	92		75-120
98-08-8	Trifluorotoluene (Surr)	115		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-87591/12

Matrix: Water Lab File ID: G3015426.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 06/09/2011 18:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624short ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 87591 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	22.8		1.0	0.15
71-43-2	Benzene	21.1		1.0	0.15
79-01-6	Trichloroethene	21.2		1.0	0.15
108-88-3	Toluene	19.5		1.0	0.15
108-90-7	Chlorobenzene	20.6		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	99		80-120
2037-26-5	Toluene-d8 (Surr)	87		85-120
25837-05-2	Ethylbenzene-d10	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		75-120
98-08-8	Trifluorotoluene (Surr)	110		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-88141/10

Matrix: Water Lab File ID: G3015591.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 06/16/2011 17:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624short ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 88141 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	24.1		1.0	0.15
71-43-2	Benzene	21.4		1.0	0.15
79-01-6	Trichloroethene	22.0		1.0	0.15
108-88-3	Toluene	20.9		1.0	0.15
108-90-7	Chlorobenzene	20.8		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	100		80-120
2037-26-5	Toluene-d8 (Surr)	92		85-120
25837-05-2	Ethylbenzene-d10	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		75-120
98-08-8	Trifluorotoluene (Surr)	109		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 580-87591/13

Matrix: Water Lab File ID: G3015427.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 06/09/2011 19:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624short ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 87591 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	23.7		1.0	0.15
71-43-2	Benzene	20.9		1.0	0.15
79-01-6	Trichloroethene	21.5		1.0	0.15
108-88-3	Toluene	18.9		1.0	0.15
108-90-7	Chlorobenzene	19.3		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	87		85-120
25837-05-2	Ethylbenzene-d10	96		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120
98-08-8	Trifluorotoluene (Surr)	109		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-88141/11

Matrix: Water | Lab File ID: G3015592.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 06/16/2011 17:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 88141 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	24.1		1.0	0.15
71-43-2	Benzene	22.2		1.0	0.15
79-01-6	Trichloroethene	22.2		1.0	0.15
108-88-3	Toluene	21.7		1.0	0.15
108-90-7	Chlorobenzene	21.7		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	90		85-120
25837-05-2	Ethylbenzene-d10	112		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120
98-08-8	Trifluorotoluene (Surr)	111		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: TAC001 Start Date: 06/07/2011 13:27

Analysis Batch Number: 87392 End Date: 06/08/2011 12:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		06/07/2011 13:27	1		ZB-624short 0.18(mm)
BFB 580-87392/2		06/07/2011 13:51	1	G3015364.D	ZB-624short 0.18(mm)
STD1 580-87392/3 IC		06/07/2011 14:16	1	G3015365.D	ZB-624short 0.18(mm)
STD2 580-87392/4 IC		06/07/2011 14:40	1	G3015366.D	ZB-624short 0.18(mm)
STD5 580-87392/5 IC		06/07/2011 15:05	1	G3015367.D	ZB-624short 0.18(mm)
STD10 580-87392/6 IC		06/07/2011 15:30	1	G3015368.D	ZB-624short 0.18(mm)
STD20 580-87392/7 IC		06/07/2011 15:54	1	G3015369.D	ZB-624short 0.18(mm)
STD50IS 580-87392/8 ICIS		06/07/2011 16:19	1	G3015370.D	ZB-624short 0.18(mm)
ZZZZZ		06/07/2011 16:43	1		ZB-624short 0.18(mm)
STD100 580-87392/10 IC		06/07/2011 17:08	1	G3015372.D	ZB-624short 0.18(mm)
ZZZZZ		06/07/2011 17:32	1		ZB-624short 0.18(mm)
STD150 580-87392/12 IC		06/07/2011 17:56	1	G3015374.D	ZB-624short 0.18(mm)
ZZZZZ		06/07/2011 18:21	1		ZB-624short 0.18(mm)
STD200 580-87392/14 IC		06/07/2011 18:45	1	G3015376.D	ZB-624short 0.18(mm)
RB 580-87392/15 PIBLK		06/07/2011 19:09	1		ZB-624short 0.18(mm)
ZZZZZ		06/07/2011 19:34	1		ZB-624short 0.18(mm)
ICV 580-87392/17		06/07/2011 19:58	1	G3015379.D	ZB-624short 0.18(mm)
ICV 580-87392/18		06/07/2011 20:23	1		ZB-624short 0.18(mm)
ZZZZZ		06/07/2011 20:47	1		ZB-624short 0.18(mm)
ZZZZZ		06/07/2011 21:11	1		ZB-624short 0.18(mm)
ZZZZZ		06/08/2011 11:26	1		ZB-624short 0.18(mm)
BFB 580-87392/22		06/08/2011 11:50	1		ZB-624short 0.18(mm)
ICV 580-87392/23		06/08/2011 12:14	1	G3015385.D	ZB-624short 0.18(mm)
ICV 580-87392/24		06/08/2011 12:39	1	G3015386.D	ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: TAC001 Start Date: 06/09/2011 16:21

Analysis Batch Number: 87591 End Date: 06/10/2011 00:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		06/09/2011 16:21	1		ZB-624short 0.18(mm)
BFB 580-87591/7		06/09/2011 16:46	1		ZB-624short 0.18(mm)
CCVIS 580-87591/8		06/09/2011 17:10	1	G3015422.D	ZB-624short 0.18(mm)
BFB 580-87591/26		06/09/2011 17:10	1	Copy of G3015422.D	ZB-624short 0.18(mm)
ZZZZZ		06/09/2011 17:35	1		ZB-624short 0.18(mm)
ZZZZZ		06/09/2011 17:59	1		ZB-624short 0.18(mm)
MB 580-87591/11		06/09/2011 18:23	1	G3015425.D	ZB-624short 0.18(mm)
LCS 580-87591/12		06/09/2011 18:48	1	G3015426.D	ZB-624short 0.18(mm)
LCSD 580-87591/13		06/09/2011 19:12	1	G3015427.D	ZB-624short 0.18(mm)
ZZZZZ		06/09/2011 19:36	1		ZB-624short 0.18(mm)
ZZZZZ		06/09/2011 20:01	1		ZB-624short 0.18(mm)
ZZZZZ		06/09/2011 20:25	1		ZB-624short 0.18(mm)
580-26534-6	TB-060211	06/09/2011 20:50	1	G3015431.D	ZB-624short 0.18(mm)
580-26534-1	EWB-060211	06/09/2011 21:14	1	G3015432.D	ZB-624short 0.18(mm)
580-26534-2	EB-060211	06/09/2011 21:39	1	G3015433.D	ZB-624short 0.18(mm)
580-26534-3	MW-05-060211	06/09/2011 22:03	1	G3015434.D	ZB-624short 0.18(mm)
580-26534-4	MW-07-060211	06/09/2011 22:28	1	G3015435.D	ZB-624short 0.18(mm)
ZZZZZ		06/09/2011 22:52	1		ZB-624short 0.18(mm)
ZZZZZ		06/09/2011 23:16	1		ZB-624short 0.18(mm)
ZZZZZ		06/09/2011 23:41	1		ZB-624short 0.18(mm)
ZZZZZ		06/10/2011 00:05	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: TAC001 Start Date: 06/13/2011 09:40

Analysis Batch Number: 87749 End Date: 06/13/2011 22:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		06/13/2011 09:40	1		ZB-624short 0.18(mm)
BFB 580-87749/2		06/13/2011 10:06	1	G3015476.D	ZB-624short 0.18(mm)
STD1 580-87749/3 IC		06/13/2011 10:32	1	G3015477.D	ZB-624short 0.18(mm)
STD2 580-87749/4 IC		06/13/2011 10:57	1	G3015478.D	ZB-624short 0.18(mm)
STD5 580-87749/5 IC		06/13/2011 11:23	1	G3015479.D	ZB-624short 0.18(mm)
STD10 580-87749/6 IC		06/13/2011 11:49	1	G3015480.D	ZB-624short 0.18(mm)
STD20 580-87749/7 IC		06/13/2011 12:15	1	G3015481.D	ZB-624short 0.18(mm)
STD50IS 580-87749/8 ICIS		06/13/2011 12:41	1	G3015482.D	ZB-624short 0.18(mm)
STD100 580-87749/9 IC		06/13/2011 13:06	1	Copy of G3015483.D	ZB-624short 0.18(mm)
STD150 580-87749/10 IC		06/13/2011 13:32	1	Copy of G3015484.D	ZB-624short 0.18(mm)
STD200 580-87749/11 IC		06/13/2011 13:58	1	Copy of G3015485.D	ZB-624short 0.18(mm)
RB 580-87749/12 PIBLK		06/13/2011 14:23	1		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 14:49	1		ZB-624short 0.18(mm)
ICV 580-87749/15		06/13/2011 15:40	1	G3015489.D	ZB-624short 0.18(mm)
ICV 580-87749/16		06/13/2011 16:06	1	G3015490.D	ZB-624short 0.18(mm)
ICV 580-87749/17		06/13/2011 16:32	1	G3015491.D	ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 16:57	1		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 17:23	1		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 17:48	100		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 18:14	100		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 18:40	100		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 19:05	100		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 19:31	100		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 19:56	100		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 20:22	1		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 20:47	100		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 21:13	100		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 21:39	5000		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 22:04	1		ZB-624short 0.18(mm)
ZZZZZ		06/13/2011 22:30	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: TAC001 Start Date: 06/16/2011 13:12

Analysis Batch Number: 88141 End Date: 06/16/2011 20:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		06/16/2011 13:12	1		ZB-624short 0.18(mm)
BFB 580-88141/2		06/16/2011 13:38	1	G3015583.D	ZB-624short 0.18(mm)
CCVIS 580-88141/3		06/16/2011 14:04	1	G3015584.D	ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 14:29	1		ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 14:55	1		ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 15:21	100		ZB-624short 0.18(mm)
MB 580-88141/7		06/16/2011 15:47	1	G3015588.D	ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 16:12	100		ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 16:38	100		ZB-624short 0.18(mm)
LCS 580-88141/10		06/16/2011 17:03	1	G3015591.D	ZB-624short 0.18(mm)
LCSD 580-88141/11		06/16/2011 17:29	1	G3015592.D	ZB-624short 0.18(mm)
580-26534-5 RA	DUP-060211 RA	06/16/2011 17:55	1	G3015593.D	ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 18:20	1		ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 18:46	1		ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 19:11	1		ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 19:36	1		ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 20:01	1		ZB-624short 0.18(mm)
ZZZZZ		06/16/2011 20:27	100		ZB-624short 0.18(mm)

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Seattle Job Number: 580-26534-1

SDG No.:

Project: GE Yakima - Yakima, WA

Client Sample ID	Lab Sample ID
EWB-060211	580-26534-1
EB-060211	580-26534-2
MW-05-060211	580-26534-3
MW-07-060211	580-26534-4
DUP-060211	580-26534-5

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EWB-060211 Lab Sample ID: 580-26534-1

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 09:45

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: EWB-060211 Lab Sample ID: 580-26534-1

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 09:45

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.0017	0.0020	0.00024	mg/L	J		5	6020
7440-39-3	Barium	0.059	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0016	0.0020	0.00037	mg/L	J		5	6020
7440-50-8	Copper	0.00061	0.0050	0.00015	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0015	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.00061	0.0020	0.00022	mg/L	J		5	6020
7782-49-2	Selenium	0.00043	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	0.0010	0.0020	0.00015	mg/L	J		5	6020
7440-31-5	Tin	0.0016	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.0031	0.0070	0.0020	mg/L	J		5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EB-060211 Lab Sample ID: 580-26534-2

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 11:26

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: EB-060211 Lab Sample ID: 580-26534-2

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 11:26

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0020	0.00024	mg/L			5	6020
7440-39-3	Barium	0.00053	0.0060	0.00027	mg/L	J		5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	ND	0.0020	0.00037	mg/L			5	6020
7440-50-8	Copper	0.0013	0.0050	0.00015	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	ND	0.0040	0.00049	mg/L			5	6020
7440-02-0	Nickel	0.00039	0.0020	0.00022	mg/L	J		5	6020
7782-49-2	Selenium	ND	0.0020	0.00034	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.0017	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.0057	0.0070	0.0020	mg/L	J		5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-05-060211 Lab Sample ID: 580-26534-3

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 14:29

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-05-060211 Lab Sample ID: 580-26534-3

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 14:29

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.0013	0.0020	0.00024	mg/L	J		5	6020
7440-39-3	Barium	0.050	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0013	0.0020	0.00037	mg/L	J		5	6020
7440-50-8	Copper	0.00060	0.0050	0.00015	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0012	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.0012	0.0020	0.00022	mg/L	J		5	6020
7782-49-2	Selenium	0.00036	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.0026	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.0048	0.0070	0.0020	mg/L	J		5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-07-060211 Lab Sample ID: 580-26534-4

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 16:58

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-07-060211 Lab Sample ID: 580-26534-4

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 16:58

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.0014	0.0020	0.00024	mg/L	J		5	6020
7440-39-3	Barium	0.056	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0012	0.0020	0.00037	mg/L	J		5	6020
7440-50-8	Copper	0.00054	0.0050	0.00015	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0013	0.0040	0.00049	mg/L	J	^	5	6020
7440-02-0	Nickel	0.00075	0.0020	0.00022	mg/L	J		5	6020
7782-49-2	Selenium	ND	0.0020	0.00034	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00033	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.0023	0.0070	0.0020	mg/L	J		5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP-060211 Lab Sample ID: 580-26534-5

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 00:00

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: DUP-060211 Lab Sample ID: 580-26534-5

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 00:00

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	0.0014	0.0020	0.00024	mg/L	J		5	6020
7440-39-3	Barium	0.052	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00026	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0014	0.0020	0.00037	mg/L	J		5	6020
7440-50-8	Copper	0.00042	0.0050	0.00015	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0012	0.0040	0.00049	mg/L	J		5	6020
7440-02-0	Nickel	0.00056	0.0020	0.00022	mg/L	J		5	6020
7782-49-2	Selenium	0.00041	0.0020	0.00034	mg/L	J		5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00088	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.0043	0.0070	0.0020	mg/L	J		5	6020

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00009 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00006

Analyte	ICV 580-87959/7 06/14/2011 13:30				CCV 580-87959/12 06/14/2011 15:20				CCV 580-87959/18 06/14/2011 15:50			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0390		0.0400	98	0.0468		0.0500	94	0.0461		0.0500	92
Arsenic	0.0413		0.0400	103	0.0500		0.0500	100	0.0495		0.0500	99
Barium	0.0399		0.0400	100	0.0473		0.0500	95	0.0473		0.0500	95
Beryllium	0.0410		0.0400	102	0.0500		0.0500	100	0.0510		0.0500	102
Cadmium	0.0402		0.0400	100	0.0478		0.0500	96	0.0466		0.0500	93
Chromium	0.0411		0.0400	103	0.0491		0.0500	98	0.0489		0.0500	98
Copper	0.0421		0.0400	105	0.0491		0.0500	98	0.0490		0.0500	98
Lead	0.0400		0.0400	100	0.0477		0.0500	95	0.0484		0.0500	97
Molybdenum	0.0408		0.0400	102	0.0484		0.0500	97	0.0482		0.0500	96
Nickel	0.0416		0.0400	104	0.0485		0.0500	97	0.0485		0.0500	97
Selenium	0.0419		0.0400	105	0.0512		0.0500	102	0.0498		0.0500	100
Silver	0.0406		0.0400	101	0.0491		0.0500	98	0.0489		0.0500	98
Tin	0.0398		0.0400	99	0.0462		0.0500	92	0.0467		0.0500	93
Zinc	0.0423		0.0400	106	0.0501		0.0500	100	0.0503		0.0500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00009 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00006

Analyte	CCV 580-87959/26 06/14/2011 16:30				CCV 580-87959/38 06/14/2011 17:31				CCV 580-87959/48 06/14/2011 18:21			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0461		0.0500	92	0.0472		0.0500	94	0.0476		0.0500	95
Arsenic	0.0494		0.0500	99	0.0498		0.0500	100	0.0491		0.0500	98
Barium	0.0473		0.0500	95	0.0489		0.0500	98	0.0487		0.0500	97
Beryllium	0.0496		0.0500	99	0.0498		0.0500	100	0.0486		0.0500	97
Cadmium	0.0467		0.0500	93	0.0482		0.0500	96	0.0485		0.0500	97
Chromium	0.0484		0.0500	97	0.0483		0.0500	97	0.0477		0.0500	95
Copper	0.0487		0.0500	97	0.0482		0.0500	96	0.0476		0.0500	95
Lead	0.0478		0.0500	96	0.0484		0.0500	97	0.0481		0.0500	96
Molybdenum	0.0478		0.0500	96	0.0495		0.0500	99	0.0488		0.0500	98
Nickel	0.0484		0.0500	97	0.0479		0.0500	96	0.0475		0.0500	95
Selenium	0.0506		0.0500	101	0.0507		0.0500	101	0.0503		0.0500	101
Silver	0.0488		0.0500	98	0.0498		0.0500	100	0.0499		0.0500	100
Tin	0.0468		0.0500	94	0.0473		0.0500	95	0.0473		0.0500	95
Zinc	0.0495		0.0500	99	0.0494		0.0500	99	0.0495		0.0500	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

ICV Source: Hg_ICV_WORK_00008 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00007

Analyte	ICV 580-87231/7 06/03/2011 11:10				CCV 580-87231/9 06/03/2011 15:37				CCV 580-87231/21 06/03/2011 15:58			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00406		0.00400	101	0.00467		0.00500	93	0.00477		0.00500	95

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

ICV Source: Hg_ICV_WORK_00008 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00007

Analyte	CCV 580-87231/30 06/03/2011 16:13											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00476		0.00500	95								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Method: 6020 Instrument ID: SEA044

Lab Sample ID: CRI 580-87959/9 Concentration Units: mg/L

CRQL Check Standard Source: ICPMS_CAL_WOR_00006

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	0.00200	0.00201		100	50-150
Arsenic	0.00200	0.00205		103	50-150
Barium	0.00200	0.00200		100	50-150
Beryllium	0.00200	0.00217		109	50-150
Cadmium	0.00200	0.00206		103	50-150
Chromium	0.00200	0.00205		102	50-150
Copper	0.00200	0.00213		107	50-150
Lead	0.00200	0.00211		106	50-150
Molybdenum	0.00200	0.00211		105	50-150
Nickel	0.00200	0.00208		104	50-150
Selenium	0.00200	0.00214		107	50-150
Silver	0.00200	0.00208		104	50-150
Tin	0.00200	0.00210		105	50-150
Zinc	0.00200	0.00225		113	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-87959/8 06/14/2011 13:35		CCB 580-87959/13 06/14/2011 15:25		CCB 580-87959/19 06/14/2011 15:55		CCB 580-87959/27 06/14/2011 16:35	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND		ND		ND		ND	
Arsenic	0.00040	ND		ND		ND		ND	
Barium	0.00040	ND		ND		ND		ND	
Beryllium	0.00040	ND		ND		ND		ND	
Cadmium	0.00040	ND		ND		ND		ND	
Chromium	0.00040	ND		ND		ND		ND	
Copper	0.0010	ND		ND		ND		ND	
Lead	0.00040	ND		ND		ND		ND	
Molybdenum	0.00040	ND		ND		ND		ND	
Nickel	0.00040	ND		ND		ND		ND	
Selenium	0.00040	ND		ND		ND		ND	
Silver	0.00040	ND		ND		ND		ND	
Tin	0.0010	ND		ND		ND		ND	
Zinc	0.0010	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 580-87959/39 06/14/2011 17:36		CCB 580-87959/49 06/14/2011 18:26					
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND		ND					
Arsenic	0.00040	ND		ND					
Barium	0.00040	ND		ND					
Beryllium	0.00040	ND		ND					
Cadmium	0.00040	ND		ND					
Chromium	0.00040	ND		ND					
Copper	0.0010	ND		ND					
Lead	0.00040	ND		ND					
Molybdenum	0.00040	ND		ND					
Nickel	0.00040	ND		ND					
Selenium	0.00040	ND		ND					
Silver	0.00040	ND		ND					
Tin	0.0010	ND		ND					
Zinc	0.0010	ND		ND					

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-87231/8 06/03/2011 11:12		CCB 580-87231/10 06/03/2011 15:39		CCB 580-87231/22 06/03/2011 15:59		CCB 580-87231/31 06/03/2011 16:15	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-87431/9-C

Instrument Code: SEA044 Batch No.: 87959

CAS No.	Analyte	Concentration	C	Q	Method
7440-36-0	Antimony	ND			6020
7440-38-2	Arsenic	ND			6020
7440-39-3	Barium	ND			6020
7440-41-7	Beryllium	ND			6020
7440-43-9	Cadmium	ND			6020
7440-47-3	Chromium	ND			6020
7440-50-8	Copper	ND			6020
7439-92-1	Lead	ND			6020
7439-98-7	Molybdenum	ND			6020
7440-02-0	Nickel	ND			6020
7782-49-2	Selenium	ND			6020
7440-22-4	Silver	ND			6020
7440-31-5	Tin	0.000235	J		6020
7440-66-6	Zinc	ND			6020

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-87190/14-A

Instrument Code: TAC103 Batch No.: 87231

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	ND			7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICSA 580-87959/10 Instrument ID: SEA044

Lab File ID: 016SMPL.D ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**0.0001**	
Arsenic		**0.0000**	
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium		**0.0001**	
Chromium		**0.0012**	
Copper		**0.0000**	
Lead		**0.0000**	
Molybdenum	**0.400**	**0.399**	**100**
Nickel		**0.0003**	
Selenium		**0.0000**	
Silver		**0.0000**	
Tin		**0.0001**	
Zinc		**0.0006**	
Aluminum	*20.0*	*19.9*	*99*
Calcium	*60.0*	*60.4*	*101*
Cobalt		*0.0000*	
Iron	*50.0*	*51.5*	*103*
Magnesium	*20.0*	*20.9*	*104*
Manganese		*0.0005*	
Mercury		*0.0000*	
Phosphorus	*20.0*	*21.6*	*108*
Potassium	*20.0*	*20.6*	*103*
Sodium	*50.0*	*52.9*	*106*
Strontium		*0.0028*	
Thallium		*0.0001*	
Titanium	*0.400*	*0.421*	*105*
Uranium		*0.0000*	
Vanadium		*-0.0001*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICSAB 580-87959/11 Instrument ID: SEA044

Lab File ID: 017SMPL.D ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0210**	**105**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0201**	**100**
Chromium	**0.0400**	**0.0417**	**104**
Copper	**0.0400**	**0.0393**	**98**
Lead		**0.0000**	
Molybdenum	**0.400**	**0.396**	**99**
Nickel	**0.0400**	**0.0402**	**101**
Selenium	**0.0200**	**0.0206**	**103**
Silver	**0.0100**	**0.0101**	**101**
Tin		**0.0001**	
Zinc	**0.0200**	**0.0230**	**115**
Aluminum	*20.0*	*19.8*	*99*
Calcium	*60.0*	*60.6*	*101*
Cobalt	*0.0400*	*0.0409*	*102*
Iron	*50.0*	*50.6*	*101*
Magnesium	*20.0*	*20.6*	*103*
Manganese	*0.0400*	*0.0421*	*105*
Mercury		*0.0000*	
Phosphorus	*20.0*	*21.1*	*106*
Potassium	*20.0*	*20.5*	*102*
Sodium	*50.0*	*52.2*	*104*
Strontium		*0.0028*	
Thallium		*0.0001*	
Titanium	*0.400*	*0.409*	*102*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0417*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Lab Sample ID: ICSAB 580-87959/11 Instrument ID: SEA044

Lab File ID: 017SMPL.D ICS Source: ICPMS-ICSB_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0210**	**105**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0201**	**100**
Chromium	**0.0400**	**0.0417**	**104**
Copper	**0.0400**	**0.0393**	**98**
Lead		**0.0000**	
Molybdenum	**0.400**	**0.396**	**99**
Nickel	**0.0400**	**0.0402**	**101**
Selenium	**0.0200**	**0.0206**	**103**
Silver	**0.0100**	**0.0101**	**101**
Tin		**0.0001**	
Zinc	**0.0200**	**0.0230**	**115**
Aluminum	*20.0*	*19.8*	*99*
Calcium	*60.0*	*60.6*	*101*
Cobalt	*0.0400*	*0.0409*	*102*
Iron	*50.0*	*50.6*	*101*
Magnesium	*20.0*	*20.6*	*103*
Manganese	*0.0400*	*0.0421*	*105*
Mercury		*0.0000*	
Phosphorus	*20.0*	*21.1*	*106*
Potassium	*20.0*	*20.5*	*102*
Sodium	*50.0*	*52.2*	*104*
Strontium		*0.0028*	
Thallium		*0.0001*	
Titanium	*0.400*	*0.409*	*102*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0417*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: DUP-060211 MS
Lab ID: 580-26534-5 MS
Lab Name: TestAmerica Seattle
Job No.: 580-26534-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Antimony	2.87		ND		3.00	96	80-120		6020
Arsenic	4.14		0.0014	J	4.00	104	80-120		6020
Barium	4.05		0.052		4.00	100	80-120		6020
Beryllium	0.111		ND		0.100	111	80-120		6020
Cadmium	0.103		ND		0.100	103	80-120		6020
Chromium	0.412		0.0014	J	0.400	103	80-120		6020
Copper	0.518		0.00042	J	0.500	104	80-120		6020
Lead	1.02		ND		1.00	102	80-120		6020
Molybdenum	5.12		0.0012	J	5.00	102	80-120		6020
Nickel	1.02		0.00056	J	1.00	101	80-120		6020
Selenium	4.10		0.00041	J	4.00	102	80-120		6020
Silver	0.607		ND		0.600	101	80-120		6020
Tin	4.86		0.00088	J	5.00	97	80-120		6020
Zinc	1.04		0.0043	J	1.00	104	80-120		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: DUP-060211 MSD Lab ID: 580-26534-5 MSD

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Antimony	3.02		3.00	101	80-120	5	20		6020
Arsenic	4.32		4.00	108	80-120	4	20		6020
Barium	4.22		4.00	104	80-120	4	20		6020
Beryllium	0.0948		0.100	95	80-120	16	20		6020
Cadmium	0.103		0.100	103	80-120	0	20		6020
Chromium	0.419		0.400	104	80-120	2	20		6020
Copper	0.537		0.500	107	80-120	3	20		6020
Lead	1.06		1.00	106	80-120	4	20		6020
Molybdenum	5.45		5.00	109	80-120	6	20		6020
Nickel	1.05		1.00	105	80-120	3	20		6020
Selenium	4.20		4.00	105	80-120	2	20		6020
Silver	0.635		0.600	106	80-120	4	20		6020
Tin	5.08		5.00	102	80-120	4	20		6020
Zinc	1.08		1.00	108	80-120	4	20		6020

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: DUP-060211 PDS | Lab ID: 580-26534-5 PDS

Lab Name: TestAmerica Seattle | Job No.: 580-26534-1

SDG No.:

Matrix: Water | Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Antimony	3.44		ND		3.00	115	75-125		6020
Arsenic	4.82		0.0014	J	4.00	120	75-125		6020
Barium	4.76		0.052		4.00	118	75-125		6020
Beryllium	0.118		ND		0.100	118	75-125		6020
Cadmium	0.121		ND		0.100	121	75-125		6020
Chromium	0.480		0.0014	J	0.400	120	75-125		6020
Copper	0.603		0.00042	J	0.500	120	75-125		6020
Lead	1.21		ND		1.00	121	75-125		6020
Molybdenum	6.08		0.0012	J	5.00	122	75-125		6020
Nickel	1.18		0.00056	J	1.00	118	75-125		6020
Selenium	4.72		0.00041	J	4.00	118	75-125		6020
Silver	0.724		ND		0.600	121	75-125		6020
Tin	5.83		0.00088	J	5.00	117	75-125		6020
Zinc	1.26		0.0043	J	1.00	125	75-125		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS - TOTAL RECOVERABLE

Client ID: DUP-060211 DU
Lab ID: 580-26534-5 DU
Lab Name: TestAmerica Seattle
Job No.: 580-26534-1
SDG No.:
% Solids for Sample:
% Solids for Duplicate:
Matrix: Water
Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Antimony	0.0020	ND		ND		NC		6020
Arsenic	0.0020	0.0014	J	0.00139	J	0.4		6020
Barium	0.0060	0.052		0.0555		6		6020
Beryllium	0.0020	ND		ND		NC		6020
Cadmium	0.0020	ND		ND		NC		6020
Chromium	0.0020	0.0014	J	0.00145	J	5		6020
Copper	0.0050	0.00042	J	0.000485	J	14		6020
Lead	0.0020	ND		0.000191	J	NC		6020
Molybdenum	0.0040	0.0012	J	0.00109	J	10		6020
Nickel	0.0020	0.00056	J	0.000546	J	2		6020
Selenium	0.0020	0.00041	J	0.000383	J	8		6020
Silver	0.0020	ND		ND		NC		6020
Tin	0.0070	0.00088	J	0.000693	J	24		6020
Zinc	0.0070	0.0043	J	0.00902		71		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 580-87862/24-A

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

Sample Matrix: Water LCS Source: m-GPS-2_00017

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Antimony	3.00	2.78		93	80	120		6020
Arsenic	4.00	4.06		101	80	120		6020
Barium	4.00	3.87		97	80	120		6020
Beryllium	0.100	0.0999		100	80	120		6020
Cadmium	0.100	0.0994		99	80	120		6020
Chromium	0.400	0.391		98	80	120		6020
Copper	0.500	0.509		102	80	120		6020
Lead	1.00	0.988		99	80	120		6020
Molybdenum	5.00	5.01		100	80	120		6020
Nickel	1.00	0.993		99	80	120		6020
Selenium	4.00	3.96		99	80	120		6020
Silver	0.600	0.601		100	80	120		6020
Tin	5.00	4.91		98	80	120		6020
Zinc	1.00	1.04		104	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS - TOTAL RECOVERABLE

Lab ID: LCSD 580-87862/25-A

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

Sample Matrix: Water LCS Source: m-GPS-2_00017

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Antimony	2.75		3.00	92	80-120	1	20		6020
Arsenic	4.00		4.00	100	80-120	1	20		6020
Barium	3.84		4.00	96	80-120	1	20		6020
Beryllium	0.0923		0.100	92	80-120	8	20		6020
Cadmium	0.0983		0.100	98	80-120	1	20		6020
Chromium	0.390		0.400	97	80-120	0	20		6020
Copper	0.505		0.500	101	80-120	1	20		6020
Lead	0.987		1.00	99	80-120	0	20		6020
Molybdenum	5.03		5.00	101	80-120	1	20		6020
Nickel	1.00		1.00	100	80-120	1	20		6020
Selenium	3.90		4.00	98	80-120	1	20		6020
Silver	0.599		0.600	100	80-120	0	20		6020
Tin	4.86		5.00	97	80-120	1	20		6020
Zinc	1.02		1.00	102	80-120	2	20		6020

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS - TOTAL RECOVERABLE

Lab ID: LCSSRM 580-87862/26-A

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

Sample Matrix: Water LCS Source: m-GPS-2_00017

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Antimony	3.00	2.81		94	80	120		6020
Arsenic	4.00	4.08		102	80	120		6020
Barium	4.00	3.90		98	80	120		6020
Beryllium	0.100	0.107		107	80	120		6020
Cadmium	0.100	0.106		106	80	120		6020
Chromium	0.400	0.400		100	80	120		6020
Copper	0.500	0.508		102	80	120		6020
Lead	1.00	1.01		101	80	120		6020
Molybdenum	5.00	5.08		102	80	120		6020
Nickel	1.00	1.01		101	80	120		6020
Selenium	4.00	3.94		99	80	120		6020
Silver	0.600	0.614		102	80	120		6020
Tin	5.00	4.96		99	80	120		6020
Zinc	1.00	1.00		100	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-87190/15-A

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00007

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00177		88	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-87190/16-A

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00007

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.00174		0.00200	87	80-120	2	20		7470A

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-87190/17-A

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00007

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00180		90	75	125		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TOTAL RECOVERABLE

Lab ID: 580-26534-5

SDG No:

Lab Name: TestAmerica Seattle Job No: 580-26534-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Antimony	ND		ND		NC		6020
Arsenic	0.0014	J	ND		NC		6020
Barium	0.052		0.0505		3.6		6020
Beryllium	ND		ND		NC		6020
Cadmium	ND		ND		NC		6020
Chromium	0.0014	J	ND		NC		6020
Copper	0.00042	J	ND		NC		6020
Lead	ND		ND		NC		6020
Molybdenum	0.0012	J	ND		NC		6020
Nickel	0.00056	J	ND		NC		6020
Selenium	0.00041	J	ND		NC		6020
Silver	ND		ND		NC		6020
Tin	0.00088	J	0.00340	J	NC		6020
Zinc	0.0043	J	ND		NC		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job Number: 580-26534-1

SDG Number:

Matrix: Water Instrument ID: SEA044

Method: 6020 MDL Date: 10/26/2010 05:37

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Antimony		0.0004	0.00008
Arsenic		0.0004	0.000048
Barium		0.0012	0.000054
Beryllium		0.0004	0.000052
Cadmium		0.0004	0.000028
Chromium		0.0004	0.000074
Copper		0.001	0.00003
Lead		0.0004	0.000034
Molybdenum		0.0008	0.000098
Nickel		0.0004	0.000044
Selenium		0.0004	0.000068
Silver		0.0004	0.00003
Tin		0.0014	0.0000178
Zinc		0.0014	0.0004

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job Number: 580-26534-1

SDG Number:

Matrix: Water Instrument ID: SEA044

Method: 6020 XMDL Date: 10/02/2008 10:31

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Antimony		0.0004	0.0004
Arsenic		0.0004	0.00024
Barium		0.0004	0.00027
Beryllium		0.0004	0.00026
Cadmium		0.0004	0.00014
Chromium		0.0004	0.00037
Copper		0.001	0.00015
Lead		0.0004	0.00017
Molybdenum		0.0004	0.00049
Nickel		0.0004	0.00022
Selenium		0.0004	0.00034
Silver		0.0004	0.00015
Tin		0.001	0.00089
Zinc		0.001	0.002

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-26534-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Method: 7470A MDL Date: 10/26/2010 05:39

Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury		0.0002	0.000041

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-26534-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Method: 7470A XMDL Date: 10/02/2008 10:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (ug/L)
Mercury		0.0002	0.000041

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Seattle Job No: 580-26534-1

SDG No.:

Instrument ID: SEA044 Date: 03/01/2010 06:51

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Antimony		5	6020
Arsenic		5	6020
Barium		5	6020
Beryllium		5	6020
Cadmium		5	6020
Chromium		5	6020
Copper		5	6020
Lead		5	6020
Molybdenum		5	6020
Nickel		5	6020
Selenium		5	6020
Silver		5	6020
Tin		5	6020
Zinc		5	6020

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-26534-5	06/14/2011 09:39	87862		50	50
580-26534-5 DU	06/14/2011 09:39	87862		50	50
580-26534-5 MS	06/14/2011 09:39	87862		50	50
580-26534-5 MSD	06/14/2011 09:39	87862		50	50
580-26534-4	06/14/2011 09:39	87862		50	50
580-26534-3	06/14/2011 09:39	87862		50	50
580-26534-2	06/14/2011 09:39	87862		50	50
580-26534-1	06/14/2011 09:39	87862		50	50
MB 580-87431/9-C	06/14/2011 09:50	87862		50	50
LCS 580-87862/24-A	06/14/2011 09:50	87862		50	50
LCSD 580-87862/25-A	06/14/2011 09:51	87862		50	50
LCSSRM 580-87862/26-A	06/14/2011 09:51	87862		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-26534-1	06/03/2011 12:36	87190		50	50
580-26534-2	06/03/2011 12:36	87190		50	50
580-26534-3	06/03/2011 12:36	87190		50	50
580-26534-4	06/03/2011 12:36	87190		50	50
580-26534-5	06/03/2011 12:36	87190		50	50
MB 580-87190/14-A	06/03/2011 12:36	87190		50	50
LCS 580-87190/15-A	06/03/2011 12:36	87190		50	50
LCSD 580-87190/16-A	06/03/2011 12:36	87190		50	50
LCSSRM 580-87190/17-A	06/03/2011 12:36	87190		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: SEA044 Method: 6020

Start Date: 06/14/2011 13:00 End Date: 06/14/2011 22:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
STD0 580-87959/1 IC	1		13:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD1 580-87959/2 IC	1		13:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD2 580-87959/3 IC	1		13:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD3 580-87959/4 IC	1		13:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD4 580-87959/5 IC	1		13:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD5 580-87959/6 IC	1		13:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICV 580-87959/7	1		13:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICB 580-87959/8	1		13:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CRI 580-87959/9	1		13:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSA 580-87959/10	1		13:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSAB 580-87959/11	1		13:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-87959/12	1		15:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-87959/13	1		15:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
MB 580-87431/9-C	5	R	15:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCS 580-87862/24-A	50	R	15:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSD 580-87862/25-A	50	R	15:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSSRM 580-87862/26-A	50	R	15:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-87959/18	1		15:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-87959/19	1		15:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-5 SD	25	R	16:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-5	5	R	16:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-5 DU	5	R	16:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-5 MS	50	R	16:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-5 MSD	50	R	16:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-5 PDS	50	R	16:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-87959/26	1		16:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-87959/27	1		16:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-3	5	R	16:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-2	5	R	16:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-26534-1	5	R	16:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			16:56																				
ZZZZZZ			17:01																				
ZZZZZZ			17:06																				
ZZZZZZ			17:11																				
ZZZZZZ			17:16																				
ZZZZZZ			17:21																				
ZZZZZZ			17:26																				
CCV 580-87959/38	1		17:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-87959/39	1		17:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			17:41																				
ZZZZZZ			17:46																				
ZZZZZZ			17:51																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: SEA044 Method: 6020

Start Date: 06/14/2011 13:00 End Date: 06/14/2011 22:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
ZZZZZZ			17:56																				
ZZZZZZ			18:01																				
ZZZZZZ			18:06																				
ZZZZZZ			18:11																				
580-26534-4	5	R	18:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-87959/48	1		18:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-87959/49	1		18:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			18:31																				
ZZZZZZ			18:36																				
ZZZZZZ			18:41																				
ZZZZZZ			18:46																				
CCV 580-87959/54			18:51																				
CCB 580-87959/55			18:56																				
ZZZZZZ			19:01																				
ZZZZZZ			19:06																				
ZZZZZZ			19:11																				
ZZZZZZ			19:16																				
ZZZZZZ			19:21																				
ZZZZZZ			19:26																				
CCV 580-87959/62			19:31																				
CCB 580-87959/63			19:36																				
ZZZZZZ			19:41																				
ZZZZZZ			19:46																				
ZZZZZZ			19:51																				
ZZZZZZ			19:56																				
ZZZZZZ			20:01																				
ZZZZZZ			20:06																				
ZZZZZZ			20:11																				
ZZZZZZ			20:16																				
ZZZZZZ			20:21																				
ZZZZZZ			20:26																				
CCV 580-87959/74			20:31																				
CCB 580-87959/75			20:36																				
ZZZZZZ			20:41																				
ZZZZZZ			20:46																				
ZZZZZZ			20:51																				
ZZZZZZ			20:56																				
CCV 580-87959/80			21:01																				
CCB 580-87959/81			21:06																				
ZZZZZZ			21:11																				
ZZZZZZ			21:16																				
ZZZZZZ			21:21																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: SEA044 Method: 6020

Start Date: 06/14/2011 13:00 End Date: 06/14/2011 22:46

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn							
CCV 580-87959/85			21:26																					
CCB 580-87959/86			21:31																					
ZZZZZZ			21:36																					
ZZZZZZ			21:41																					
ZZZZZZ			21:46																					
ZZZZZZ			21:51																					
ZZZZZZ			21:56																					
ZZZZZZ			22:01																					
CCV 580-87959/93			22:06																					
CCB 580-87959/94			22:11																					
ZZZZZZ			22:16																					
ZZZZZZ			22:21																					
ZZZZZZ			22:26																					
ZZZZZZ			22:31																					
ZZZZZZ			22:36																					
CCV 580-87959/100			22:41																					
CCB 580-87959/101			22:46																					

Prep Types

R = Total Recoverable

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 06/03/2011 10:59 End Date: 06/03/2011 16:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
STD0 580-87231/1 IC			10:59	X																			
STD1 580-87231/2 IC			11:01	X																			
STD2 580-87231/3 IC			11:03	X																			
STD3 580-87231/4 IC			11:04	X																			
STD4 580-87231/5 IC			11:06	X																			
STD5 580-87231/6 IC			11:08	X																			
ICV 580-87231/7	1		11:10	X																			
ICB 580-87231/8	1		11:12	X																			
CCV 580-87231/9	1		15:37	X																			
CCB 580-87231/10	1		15:39	X																			
MB 580-87190/14-A	1	T	15:41	X																			
LCS 580-87190/15-A	1	T	15:42	X																			
LCSD 580-87190/16-A	1	T	15:44	X																			
LCSSRM 580-87190/17-A	1	T	15:46	X																			
ZZZZZZ			15:47																				
ZZZZZZ			15:49																				
ZZZZZZ			15:51																				
ZZZZZZ			15:53																				
ZZZZZZ			15:54																				
580-26534-1	1	T	15:56	X																			
CCV 580-87231/21	1		15:58	X																			
CCB 580-87231/22	1		15:59	X																			
580-26534-2	1	T	16:01	X																			
580-26534-3	1	T	16:03	X																			
580-26534-4	1	T	16:05	X																			
580-26534-5	1	T	16:06	X																			
ZZZZZZ			16:08																				
ZZZZZZ			16:10																				
ZZZZZZ			16:11																				
CCV 580-87231/30	1		16:13	X																			
CCB 580-87231/31	1		16:15	X																			
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
ZZZZZZ			16:22																				
ZZZZZZ			16:23																				
ZZZZZZ			16:25																				
ZZZZZZ			16:27																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:32																				
CCV 580-87231/42			16:33																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 06/03/2011 10:59 End Date: 06/03/2011 16:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 580-87231/43			16:35																				
ZZZZZZ			16:37																				
ZZZZZZ			16:39																				
ZZZZZZ			16:40																				
ZZZZZZ			16:42																				
CCV 580-87231/48			16:44																				
CCB 580-87231/49			16:45																				

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

ICP-MS Instrument ID: SEA044 Start Date: 06/14/2011 End Date: 06/14/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Li-6	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q
STD0 580-87959/1 IC	13:00	100		100		100		100		100	
STD1 580-87959/2 IC	13:05	99		94		100		98		101	
STD2 580-87959/3 IC	13:10	100		95		97		99		99	
STD3 580-87959/4 IC	13:15	98		94		98		100		100	
STD4 580-87959/5 IC	13:20	95		92		99		99		101	
STD5 580-87959/6 IC	13:25	93		93		102		99		103	
ICV 580-87959/7	13:30	93		95		98		99		99	
ICB 580-87959/8	13:35	94		92		97		100		99	
CRI 580-87959/9	13:40	92		90		100		99			
ICSA 580-87959/10	13:45	95		93		101		99		99	
ICSAB 580-87959/11	13:49	91		86		100		98		101	
CCV 580-87959/12	15:20	87		83		100		102		103	
CCB 580-87959/13	15:25	88		89		98		102		103	
MB 580-87431/9-C	15:30					103		106			
LCS 580-87862/24-A	15:35			8		101		104			
LCSD 580-87862/25-A	15:40			8		101		103			
LCSSRM	15:45			8		102		103			
CCV 580-87959/18	15:50	86		90		103		106		107	
CCB 580-87959/19	15:55	89		85		100		106		106	
580-26534-5 SD	16:01	91		86		105		108		1	
580-26534-5	16:05					97		101			
580-26534-5 DU	16:11					96		98			
580-26534-5 MS	16:15			8		102		108			
580-26534-5 MSD	16:20			9		101		108			
580-26534-5 PDS	16:25	94		90		107		107			
CCV 580-87959/26	16:30	88		79		96		102		100	
CCB 580-87959/27	16:35	87		85		97		102		102	
580-26534-3	16:40					95		99			
580-26534-2	16:46					95		99			
580-26534-1	16:51					92		96			
CCV 580-87959/38	17:31	85		85		98		101		104	
CCB 580-87959/39	17:36	86		86		99		103		104	
580-26534-4	18:16					93		101			
CCV 580-87959/48	18:21	87		86		100		104		106	
CCB 580-87959/49	18:26	89		84		101		105		106	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

ICP-MS Instrument ID: SEA044 Start Date: 06/14/2011 End Date: 06/14/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge	Q	Element Ge	Q	Element Rh	Q	Element Rh	Q	Element Ho	Q
STD0 580-87959/1 IC	13:00	100		100		100		100		100	
STD1 580-87959/2 IC	13:05	99		100		100		101		100	
STD2 580-87959/3 IC	13:10	99		99		100		100		99	
STD3 580-87959/4 IC	13:15	99		99		100		99		100	
STD4 580-87959/5 IC	13:20	101		99		99		97		99	
STD5 580-87959/6 IC	13:25	99		99		96		96		99	
ICV 580-87959/7	13:30	99		99		99		98		99	
ICB 580-87959/8	13:35	100		99		102		101		101	
CRI 580-87959/9	13:40					100		100		101	
ICSA 580-87959/10	13:45	98		97		89		90		94	
ICSAB 580-87959/11	13:49	98		97		89		90		94	
CCV 580-87959/12	15:20	104		100		101		101		102	
CCB 580-87959/13	15:25	104		102		105		105		104	
MB 580-87431/9-C	15:30					106		106		105	
LCS 580-87862/24-A	15:35					107		106		105	
LCSD 580-87862/25-A	15:40					106		107		108	
LCSSRM	15:45					106		104		106	
CCV 580-87959/18	15:50	108		103		104		103		105	
CCB 580-87959/19	15:55	108		104		107		107		105	
580-26534-5 SD	16:01	1		1		108		107		106	
580-26534-5	16:05					102		101		105	
580-26534-5 DU	16:11					102		101		106	
580-26534-5 MS	16:15					105		104		104	
580-26534-5 MSD	16:20					105		105		104	
580-26534-5 PDS	16:25			10		104		103		104	
CCV 580-87959/26	16:30	105		101		101		101		103	
CCB 580-87959/27	16:35	104		101		105		104		104	
580-26534-3	16:40					99		100		105	
580-26534-2	16:46					104		104		108	
580-26534-1	16:51					101		100		105	
CCV 580-87959/38	17:31	106		101		104		104		109	
CCB 580-87959/39	17:36	107		104		108		108		110	
580-26534-4	18:16					104		103		111	
CCV 580-87959/48	18:21	109		105		108		106		113	
CCB 580-87959/49	18:26	109		106		111		111		114	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

ICP-MS Instrument ID: SEA044 Start Date: 06/14/2011 End Date: 06/14/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Lu	Q	Element Bi	Q	Element	Q	Element	Q	Element	Q
STD0 580-87959/1 IC	13:00	100		100							
STD1 580-87959/2 IC	13:05	99		99							
STD2 580-87959/3 IC	13:10	100		101							
STD3 580-87959/4 IC	13:15	99		100							
STD4 580-87959/5 IC	13:20	98		95							
STD5 580-87959/6 IC	13:25	99		95							
ICV 580-87959/7	13:30	101		99							
ICB 580-87959/8	13:35	102		101							
CRI 580-87959/9	13:40	101									
ICSA 580-87959/10	13:45	94		87							
ICSAB 580-87959/11	13:49	95		87							
CCV 580-87959/12	15:20	102		100							
CCB 580-87959/13	15:25	105		104							
MB 580-87431/9-C	15:30	104									
LCS 580-87862/24-A	15:35	106									
LCSD 580-87862/25-A	15:40	106									
LCSSRM	15:45	104									
CCV 580-87959/18	15:50	104		100							
CCB 580-87959/19	15:55	104		104							
580-26534-5 SD	16:01	105									
580-26534-5	16:05	104									
580-26534-5 DU	16:11	106									
580-26534-5 MS	16:15	103									
580-26534-5 MSD	16:20	103									
580-26534-5 PDS	16:25	103									
CCV 580-87959/26	16:30	103		100							
CCB 580-87959/27	16:35	105		104							
580-26534-3	16:40	105									
580-26534-2	16:46	107									
580-26534-1	16:51	106									
CCV 580-87959/38	17:31	110		107							
CCB 580-87959/39	17:36	110		111							
580-26534-4	18:16	114									
CCV 580-87959/48	18:21	114		111							
CCB 580-87959/49	18:26	113		113							

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Batch Number: 87431 Batch Start Date: 06/07/11 15:58 Batch Analyst: Froyland, Zoe

Batch Method: FILTRATION Batch End Date: 06/07/11 16:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 580-87431/9		FILTRATION, 3005A, 6020		250 mL	250 mL				

Batch Notes	
Filter Lot #	1043974
Lot # of Nitric Acid	709187

Basis	Basis Description

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Batch Number: 87862 Batch Start Date: 06/14/11 09:39 Batch Analyst: Froyland, Zoe

Batch Method: 3005A Batch End Date: 06/14/11 14:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	m-GPS-1 00020	m-GPS-2 00017	m-GPS-3 00017	m-GPS-4 00019
580-26534-E-5	DUP-060211	3005A, 6020	R	50 mL	50 mL				
580-26534-E-5 DU	DUP-060211	3005A, 6020	R	50 mL	50 mL				
580-26534-E-5 MS	DUP-060211	3005A, 6020	R	50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
580-26534-E-5 MSD	DUP-060211	3005A, 6020	R	50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
580-26534-E-4	MW-07-060211	3005A, 6020	R	50 mL	50 mL				
580-26534-E-3	MW-05-060211	3005A, 6020	R	50 mL	50 mL				
580-26534-E-2	EB-060211	3005A, 6020	R	50 mL	50 mL				
580-26534-E-1	EWB-060211	3005A, 6020	R	50 mL	50 mL				
MB 580-87431/9-A		3005A, 6020		50 mL	50 mL				
LCS 580-87862/24		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSD 580-87862/25		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSSRM 580-87862/26		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MS-HgSpk 00011					
580-26534-E-5	DUP-060211	3005A, 6020	R						
580-26534-E-5 DU	DUP-060211	3005A, 6020	R						
580-26534-E-5 MS	DUP-060211	3005A, 6020	R	1 mL					
580-26534-E-5 MSD	DUP-060211	3005A, 6020	R	1 mL					
580-26534-E-4	MW-07-060211	3005A, 6020	R						
580-26534-E-3	MW-05-060211	3005A, 6020	R						
580-26534-E-2	EB-060211	3005A, 6020	R						
580-26534-E-1	EWB-060211	3005A, 6020	R						
MB 580-87431/9-A		3005A, 6020							
LCS 580-87862/24		3005A, 6020		1 mL					
LCSD 580-87862/25		3005A, 6020		1 mL					
LCSSRM 580-87862/26		3005A, 6020		1 mL					

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Batch Number: 87862 Batch Start Date: 06/14/11 09:39 Batch Analyst: Froyland, Zoe

Batch Method: 3005A Batch End Date: 06/14/11 14:15

Batch Notes	
Lot # of hydrochloric acid	709190
Lot # of Nitric Acid	713881
Hood ID or number	06
Hot Block ID number	38009
Oven, Bath or Block Temperature 1	93.5 CORRECTED-TEMP
Pipette ID	20051014
ID number of the thermometer	15-041-1A-A
Digestion Tube/Cup Lot #	721060
Uncorrected Temperature	95 Celsius

Basis	Basis Description
R	Total Recoverable

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Batch Number: 87190 Batch Start Date: 06/03/11 12:36 Batch Analyst: Boardway, Peter A

Batch Method: 7470A Batch End Date: 06/03/11 14:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Hg_CAL_WORK 00007			
580-26534-E-1	EWB-060211	7470A, 7470A	T	50 mL	50 mL				
580-26534-E-2	EB-060211	7470A, 7470A	T	50 mL	50 mL				
580-26534-E-3	MW-05-060211	7470A, 7470A	T	50 mL	50 mL				
580-26534-E-4	MW-07-060211	7470A, 7470A	T	50 mL	50 mL				
580-26534-E-5	DUP-060211	7470A, 7470A	T	50 mL	50 mL				
MB 580-87190/14		7470A, 7470A		50 mL	50 mL				
LCS 580-87190/15		7470A, 7470A		50 mL	50 mL	1 mL			
LCSD 580-87190/16		7470A, 7470A		50 mL	50 mL	1 mL			
LCSSRM 580-87190/17		7470A, 7470A		50 mL	50 mL	1 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	654643
Sulfuric Acid Lot Number	609316
Lot # of Nitric Acid	709187
Hood ID or number	06
Hot Block ID number	38009
Potassium Persulfate Lot Number	654652
Potassium Permanganate Lot Number	654649
NaCL Lot #	654642
Pipette ID	20051014
Stannous Chloride Lot Number	654645
Temperature	93.5 CORRECTED-TEMP
ID number of the thermometer	15-041-1A-A
Digestion Tube/Cup Lot #	721060
Uncorrected Temperature	95 Celsius

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-26534-1

SDG No.:

Project: GE Yakima - Yakima, WA

Client Sample ID	Lab Sample ID
EWB-060211	580-26534-1
EB-060211	580-26534-2
MW-05-060211	580-26534-3
MW-07-060211	580-26534-4
DUP-060211	580-26534-5

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EWB-060211 Lab Sample ID: 580-26534-1

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 09:45

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L		H	1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EB-060211 Lab Sample ID: 580-26534-2

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 11:26

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-05-060211 Lab Sample ID: 580-26534-3

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 14:29

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-07-060211 Lab Sample ID: 580-26534-4

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 16:58

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-060211 Lab Sample ID: 580-26534-5

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG ID.:

Matrix: Water Date Sampled: 06/02/2011 00:00

Reporting Basis: WET Date Received: 06/03/2011 09:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L		H	1	SM 3500 CR D

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Analyst: SH Batch Start Date: 06/03/2011

Reporting Units: mg/L Analytical Batch No.: 87295

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	10:05	Chromium, hexavalent	0.209	0.200	105	90-110		Hex Cr Spk_00006
2	ICB	10:05	Chromium, hexavalent	ND					
12	CCV	10:05	Chromium, hexavalent	0.209	0.200	104	90-110		Hex Cr Spk_00006
13	CCB	10:05	Chromium, hexavalent	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 87295	Date: 06/03/2011 10:05						
SM 3500 CR D	MB 580-87295/3	Chromium, hexavalent	ND		mg/L	0.010	1

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 87295		Date: 06/03/2011 10:05									
SM 3500 CR D	580-26534-1	Chromium, hexavalent	ND		mg/L						H
SM 3500 CR D	580-26534-1 MS	Chromium, hexavalent	0.211		mg/L	0.200	106	85-115			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 87295 Date: 06/03/2011 10:05								
SM 3500 CR D	EWB-060211	580-26534-1	Chromium, hexavalent	ND	mg/L			
SM 3500 CR D	EWB-060211	580-26534-1 DU	Chromium, hexavalent	ND	mg/L	NC	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 87295		Date: 06/03/2011 10:05									
						LCS Source: Hex Cr Spk_00006					
SM 3500 CR D	LCS 580-87295/4	Chromium, hexavalent	0.208		mg/L	0.200	104	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-26534-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 3500 CR D MDL Date: 06/02/2011 13:52

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chromium, hexavalent		0.01	0.006

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-26534-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 3500 CR D XMDL Date: 06/02/2011 13:48

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chromium, hexavalent		0.01	0.006

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 3500 CR D

Start Date: 06/03/2011 10:05 End Date: 06/03/2011 10:05

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cr6																			
ICV 580-87295/1	1		10:05	X																			
ICB 580-87295/2	1		10:05	X																			
MB 580-87295/3	1	T	10:05	X																			
LCS 580-87295/4	1	T	10:05	X																			
580-26534-1	1	T	10:05	X																			
580-26534-1 DU	1	T	10:05	X																			
580-26534-1 MS	1	T	10:05	X																			
580-26534-2	1	T	10:05	X																			
580-26534-3	1	T	10:05	X																			
580-26534-4	1	T	10:05	X																			
580-26534-5	1	T	10:05	X																			
CCV 580-87295/12	1		10:05	X																			
CCB 580-87295/13	1		10:05	X																			

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-26534-1

SDG No.:

Batch Number: 87295 Batch Start Date: 06/03/11 10:05 Batch Analyst: Hawn, Stevie

Batch Method: SM 3500 CR D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CalcMsg	Hex Cr Spk 00006		
ICV 580-87295/1		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
ICB 580-87295/2		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			
MB 580-87295/3		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			
LCS 580-87295/4		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
580-26534-D-1	EWB-060211	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-26534-D-1 DU	EWB-060211	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-26534-D-1 MS	EWB-060211	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank	100 uL		
580-26534-D-2	EB-060211	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-26534-D-3	MW-05-060211	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-26534-D-4	MW-07-060211	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-26534-D-5	DUP-060211	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
CCV 580-87295/12		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
CCB 580-87295/13		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			

Batch Notes	

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 580-26534-1

Login Number: 26534

List Source: TestAmerica Seattle

List Number: 1

Creator: Gamble, Cathy

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

DATA VALIDATION REPORT

GE Aviation – Yakima

Four groundwater samples and associated quality assurance/quality control (QA/QC) samples were collected from the GE Aviation Yakima Site on June 2, 2011. The samples were analyzed by Test America Laboratories, Inc., Tacoma, Washington for one or more of the following: volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) methods SW -846 5030B/8260B; total metals by USEPA Methods SW-846 6020/7470A; and, hexavalent chromium by Standard Method (SM) 3500.

The analytical data were reviewed based on the results of the data evaluation parameters and/or the QC sample results provided by the laboratory.

VOCs

Sample Delivery Group (SDG) 580-26534-1

No anomalies were associated with the VOC data, therefore no flags were issued.

SDG 580-24938-1

Metals

SDG 580-24938-1

The method blank associated with all samples indicated a detection of tin (0.000235 milligrams per liter [mg/L]). Samples exhibiting detections of molybdenum at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

Based on the results of this data validation, all data for the GE Aviation Yakima Site are considered complete and valid as qualified.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

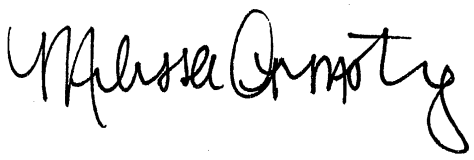
ANALYTICAL REPORT

Job Number: 580-27847-1

Job Description: GE Yakima-Yakima, WA

For:
MWH Americas Inc
5100 SW Macadam Ave.
Ste 420
Portland, OR 97239

Attention: Mr. Joseph M Rock



Approved for release.
Melissa Armstrong
Project Manager I
8/22/2011 6:11 PM

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08/22/2011

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This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

Table of Contents

Cover Title Page 1

Data Summaries 5

Report Narrative 5

Sample Summary 7

Executive Summary 8

Method Summary 10

Method / Analyst Summary 11

Sample Datasheets 12

Surrogate Summary 38

QC Data Summary 39

Data Qualifiers 56

QC Association Summary 57

Lab Chronicle 60

Reagent Traceability 66

Certification Summary 76

Organic Sample Data 77

GC/MS VOA 77

Method 8260B 77

Method 8260B QC Summary 78

Method 8260B Sample Data 86

Standards Data 100

Method 8260B ICAL Data 100

Method 8260B CCAL Data 112

Raw QC Data 122

Method 8260B Blank Data 122

Method 8260B LCS/LCSD Data 124

Table of Contents

Method 8260B Run Logs 126

Inorganic Sample Data 128

Metals Data 128

Met Cover Page 129

Met Sample Data 130

Met QC Data 142

Met ICV/CCV 142

Met CRQL 146

Met Blanks 147

Met ICSA/ICSAB 151

Met MS/MSD/PDS 154

Met Dup/Trip 159

Met LCS/LCSD 161

Met Serial Dilution 167

Met MDL 168

Met Linear Ranges 172

Met Preparation Log 173

Met Analysis Run Log 175

Met ICP/MS Int Stds 179

Met Prep Data 180

General Chemistry Data 184

Gen Chem Cover Page 185

Gen Chem Sample Data 186

Gen Chem QC Data 192

Gen Chem ICV/CCV 192

Gen Chem Blanks 194

Table of Contents

Gen Chem MS/MSD/PDS 195

Gen Chem Duplicates 196

Gen Chem LCS/LCSD 197

Gen Chem MDL 198

Gen Chem Analysis Run Log 200

Gen Chem Prep Data 202

Shipping and Receiving Documents 204

Client Chain of Custody 205

Sample Receipt Checklist 206

CASE NARRATIVE
Client: MWH Americas Inc
Project: GE Yakima-Yakima, WA
Report Number: 580-27847-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interferences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 08/06/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 6.0 C.

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): DUP-01-08052011 (580-27847-7), EB-01-08042011 (580-27847-1). Sample one lists "EB-01-08052011" with a collection date of 08/05/2011 at 07:37 on the label of the unpreserved 250mL poly while the COC lists this sample as "EB-01-08042011" with a collection date of 08/04/2011 at 07:53. All other containers of this sample set matched that of the COC and therefore, the 250mL unpreserved poly was logged-in and labeled according to the information given on the COC as well.

Sample seven lists "DUP-01" on all of the container labels of this sample set while the ID of this sample reads "DUP-01-08052011" on the COC. All collection dates and times on the sample containers matched what was reported on the COC, and so the ID reported on the COC was what was used to log-in and label these containers.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples EB-01-08042011 (580-27847-1), MW-04-08042011 (580-27847-2), TB-01-08042011 (580-27847-3), MW-02-08052011 (580-27847-4), MW-01-08052011 (580-27847-5), MW-03-08052011 (580-27847-6) and DUP-01-08052011 (580-27847-7) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/16/2011.

Methylene Chloride was detected in method blank MB 580-92970/4 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the VOC analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)
Samples EB-01-08042011 (580-27847-1), MW-04-08042011 (580-27847-2), MW-02-08052011 (580-27847-4), MW-01-08052011 (580-27847-5), MW-03-08052011 (580-27847-6) and DUP-01-08052011 (580-27847-7) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 08/18/2011 and analyzed on 08/19/2011.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples EB-01-08042011 (580-27847-1), MW-04-08042011 (580-27847-2), MW-02-08052011 (580-27847-4), MW-01-08052011 (580-27847-5), MW-03-08052011 (580-27847-6) and DUP-01-08052011 (580-27847-7) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 08/18/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples EB-01-08042011 (580-27847-1), MW-04-08042011 (580-27847-2), MW-02-08052011 (580-27847-4), MW-01-08052011 (580-27847-5), MW-03-08052011 (580-27847-6) and DUP-01-08052011 (580-27847-7) were analyzed for hexavalent chromium in accordance with SM19 3500 CR D. The samples were analyzed on 08/06/2011 and 08/10/2011. Samples EB-01-08042011 (580-27847-1), MW-04-08042011 (580-27847-2) and MW-02-08052011 (580-27847-4) were analyzed outside of holding time per client request.

No difficulties were encountered during the hexavalent chromium analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: MWH Americas Inc

Job Number: 580-27847-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-27847-1	EB-01-08042011	Water	08/04/2011 0753	08/06/2011 1020
580-27847-2	MW-04-08042011	Water	08/04/2011 1946	08/06/2011 1020
580-27847-3	TB-01-08042011	Water	08/04/2011 1700	08/06/2011 1020
580-27847-4	MW-02-08052011	Water	08/05/2011 0938	08/06/2011 1020
580-27847-5	MW-01-08052011	Water	08/05/2011 1229	08/06/2011 1020
580-27847-6	MW-03-08052011	Water	08/05/2011 1559	08/06/2011 1020
580-27847-7	DUP-01-08052011	Water	08/05/2011 0000	08/06/2011 1020

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-27847-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
580-27847-1	**EB-01-08042011**					
Toluene		0.16	J	1.0	ug/L	8260B
Total Recoverable						
Copper		0.0016	J	0.0050	mg/L	6020
580-27847-2	**MW-04-08042011**					
Chloroform		0.17	J	1.0	ug/L	8260B
Total Recoverable						
Barium		0.049		0.0060	mg/L	6020
Copper		0.0034	J	0.0050	mg/L	6020
Molybdenum		0.0016	J	0.0040	mg/L	6020
Tin		0.00052	J	0.0070	mg/L	6020
580-27847-3	**TB-01-08042011**					
Methylene Chloride		0.22	J B	3.0	ug/L	8260B
580-27847-4	**MW-02-08052011**					
Total Recoverable						
Barium		0.060		0.0060	mg/L	6020
Chromium		0.0016	J	0.0020	mg/L	6020
Copper		0.0027	J	0.0050	mg/L	6020
Molybdenum		0.0017	J	0.0040	mg/L	6020
Tin		0.0031	J	0.0070	mg/L	6020
580-27847-5	**MW-01-08052011**					
Total Recoverable						
Barium		0.15		0.0060	mg/L	6020
Copper		0.0028	J	0.0050	mg/L	6020
Molybdenum		0.0014	J	0.0040	mg/L	6020
Tin		0.00016	J	0.0070	mg/L	6020
580-27847-6	**MW-03-08052011**					
Chloroform		0.25	J	1.0	ug/L	8260B
Total Recoverable						
Barium		0.051		0.0060	mg/L	6020
Chromium		0.0017	J	0.0020	mg/L	6020
Copper		0.0020	J	0.0050	mg/L	6020
Molybdenum		0.0016	J	0.0040	mg/L	6020
Tin		0.00010	J	0.0070	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-27847-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
580-27847-7	**DUP-01-08052011**					
Chloroform		0.19	J	1.0	ug/L	8260B
Total Recoverable						
Barium		0.051		0.0060	mg/L	6020
Chromium		0.0023		0.0020	mg/L	6020
Copper		0.0022	J	0.0050	mg/L	6020
Molybdenum		0.0016	J	0.0040	mg/L	6020

METHOD SUMMARY

Client: MWH Americas Inc

Job Number: 580-27847-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SEA	SW846 8260B	
Purge and Trap	TAL SEA		SW846 5030B
Metals (ICP/MS)	TAL SEA	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SEA		SW846 3005A
Mercury (CVAA)	TAL SEA	SW846 7470A	
Preparation, Mercury	TAL SEA		SW846 7470A
Chromium, Hexavalent	TAL SEA	SM SM 3500 CR D	

Lab References:

TAL SEA = TestAmerica Seattle

Method References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: MWH Americas Inc

Job Number: 580-27847-1

Method	Analyst	Analyst ID
SW846 8260B	Kreidermacher, Scott	SK
SW846 6020	Woo, Fred C	FCW
SW846 7470A	Boardway, Peter A	PAB
SM SM 3500 CR D	Hawn, Stevie	SH

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **EB-01-08042011**

Lab Sample ID: 580-27847-1
Client Matrix: Water

Date Sampled: 08/04/2011 0753
Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016694.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2115			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	0.16	J	0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27847-1

Client Sample ID: **EB-01-08042011**

Lab Sample ID: 580-27847-1 | Date Sampled: 08/04/2011 0753
Client Matrix: Water | Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016694.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2115			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		80 - 120
Toluene-d8 (Surr)	97		85 - 120
Ethylbenzene-d10	100		80 - 120
4-Bromofluorobenzene (Surr)	97		75 - 120
Trifluorotoluene (Surr)	102		80 - 120

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-04-08042011**

Lab Sample ID: 580-27847-2
Client Matrix: Water

Date Sampled: 08/04/2011 1946
Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016695.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2142			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2142				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	0.17	J	0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27847-1

Client Sample ID: **MW-04-08042011**

Lab Sample ID: 580-27847-2 | Date Sampled: 08/04/2011 1946
Client Matrix: Water | Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016695.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2142			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2142				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		80 - 120
Toluene-d8 (Surr)	100		85 - 120
Ethylbenzene-d10	101		80 - 120
4-Bromofluorobenzene (Surr)	93		75 - 120
Trifluorotoluene (Surr)	104		80 - 120

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **TB-01-08042011**

Lab Sample ID: 580-27847-3
Client Matrix: Water

Date Sampled: 08/04/2011 1700
Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016688.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1837			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1837				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	0.22	J B	0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27847-1

Client Sample ID: **TB-01-08042011**

Lab Sample ID: 580-27847-3 | Date Sampled: 08/04/2011 1700
Client Matrix: Water | Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016688.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1837			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1837				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		80 - 120
Toluene-d8 (Surr)	98		85 - 120
Ethylbenzene-d10	99		80 - 120
4-Bromofluorobenzene (Surr)	94		75 - 120
Trifluorotoluene (Surr)	104		80 - 120

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-02-08052011**

Lab Sample ID: 580-27847-4
Client Matrix: Water

Date Sampled: 08/05/2011 0938
Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016696.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2208			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2208				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27847-1

Client Sample ID: **MW-02-08052011**

Lab Sample ID: 580-27847-4 | Date Sampled: 08/05/2011 0938
Client Matrix: Water | Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016696.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2208			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2208				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		80 - 120
Toluene-d8 (Surr)	99		85 - 120
Ethylbenzene-d10	98		80 - 120
4-Bromofluorobenzene (Surr)	92		75 - 120
Trifluorotoluene (Surr)	100		80 - 120

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-01-08052011**

Lab Sample ID: 580-27847-5
Client Matrix: Water

Date Sampled: 08/05/2011 1229
Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016697.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2235			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2235				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27847-1

Client Sample ID: **MW-01-08052011**

Lab Sample ID: 580-27847-5 | Date Sampled: 08/05/2011 1229
Client Matrix: Water | Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016697.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2235			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2235				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		80 - 120
Toluene-d8 (Surr)	99		85 - 120
Ethylbenzene-d10	100		80 - 120
4-Bromofluorobenzene (Surr)	94		75 - 120
Trifluorotoluene (Surr)	100		80 - 120

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-03-08052011**

Lab Sample ID: 580-27847-6
Client Matrix: Water

Date Sampled: 08/05/2011 1559
Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016698.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2301			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2301				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	0.25	J	0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-03-08052011**

Lab Sample ID: 580-27847-6
Client Matrix: Water

Date Sampled: 08/05/2011 1559
Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016698.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2301			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2301				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	106		80 - 120
Toluene-d8 (Surr)	98		85 - 120
Ethylbenzene-d10	98		80 - 120
4-Bromofluorobenzene (Surr)	93		75 - 120
Trifluorotoluene (Surr)	98		80 - 120

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **DUP-01-08052011**

Lab Sample ID: 580-27847-7
Client Matrix: Water

Date Sampled: 08/05/2011 0000
Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016699.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2328			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	0.19	J	0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27847-1

Client Sample ID: **DUP-01-08052011**

Lab Sample ID: 580-27847-7 | Date Sampled: 08/05/2011 0000
Client Matrix: Water | Date Received: 08/06/2011 1020

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016699.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2328			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		80 - 120
Toluene-d8 (Surr)	98		85 - 120
Ethylbenzene-d10	98		80 - 120
4-Bromofluorobenzene (Surr)	93		75 - 120
Trifluorotoluene (Surr)	99		80 - 120

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **EB-01-08042011**

Lab Sample ID: 580-27847-1
Client Matrix: Water

Date Sampled: 08/04/2011 0753
Date Received: 08/06/2011 1020

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-93251	Instrument ID:	SEA026
Prep Method:	3005A	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 0958			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	ND		0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.0014	0.0020
Copper	0.0016	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND		0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	ND		0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1501			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-04-08042011**

Lab Sample ID: 580-27847-2
Client Matrix: Water

Date Sampled: 08/04/2011 1946
Date Received: 08/06/2011 1020

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-93251	Instrument ID:	SEA026
Prep Method:	3005A	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1029			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.049		0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.0014	0.0020
Copper	0.0034	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0016	J	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.00052	J	0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1503			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-02-08052011**

Lab Sample ID: 580-27847-4
Client Matrix: Water

Date Sampled: 08/05/2011 0938
Date Received: 08/06/2011 1020

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-93251	Instrument ID:	SEA026
Prep Method:	3005A	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1032			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.060		0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0016	J	0.0014	0.0020
Copper	0.0027	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0017	J	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.0031	J	0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1508			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-01-08052011**

Lab Sample ID: 580-27847-5
Client Matrix: Water

Date Sampled: 08/05/2011 1229
Date Received: 08/06/2011 1020

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-93251	Instrument ID:	SEA026
Prep Method:	3005A	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1035			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.15		0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.0014	0.0020
Copper	0.0028	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0014	J	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.00016	J	0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1510			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **MW-03-08052011**

Lab Sample ID: 580-27847-6
Client Matrix: Water

Date Sampled: 08/05/2011 1559
Date Received: 08/06/2011 1020

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-93251	Instrument ID:	SEA026
Prep Method:	3005A	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1038			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.051		0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0017	J	0.0014	0.0020
Copper	0.0020	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0016	J	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.00010	J	0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1511			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27847-1

Client Sample ID: **DUP-01-08052011**

Lab Sample ID: 580-27847-7
Client Matrix: Water

Date Sampled: 08/05/2011 0000
Date Received: 08/06/2011 1020

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-93251	Instrument ID:	SEA026
Prep Method:	3005A	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1041			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.051		0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0023		0.0014	0.0020
Copper	0.0022	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0016	J	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	ND		0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1454			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

General Chemistry

Client Sample ID: **EB-01-08042011**

Lab Sample ID: 580-27847-1 Date Sampled: 08/04/2011 0753

Client Matrix: Water Date Received: 08/06/2011 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND	H	mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92517 Analysis Date: 08/10/2011 1657

General Chemistry

Client Sample ID: **MW-04-08042011**

Lab Sample ID: 580-27847-2 Date Sampled: 08/04/2011 1946

Client Matrix: Water Date Received: 08/06/2011 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND	H	mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92517 Analysis Date: 08/10/2011 1657

General Chemistry

Client Sample ID: **MW-02-08052011**

Lab Sample ID: 580-27847-4 Date Sampled: 08/05/2011 0938

Client Matrix: Water Date Received: 08/06/2011 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND	H	mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92517 Analysis Date: 08/10/2011 1657

General Chemistry

Client Sample ID: **MW-01-08052011**

Lab Sample ID: 580-27847-5 Date Sampled: 08/05/2011 1229

Client Matrix: Water Date Received: 08/06/2011 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92180 Analysis Date: 08/06/2011 1140

General Chemistry

Client Sample ID: **MW-03-08052011**

Lab Sample ID: 580-27847-6 Date Sampled: 08/05/2011 1559
Client Matrix: Water Date Received: 08/06/2011 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92180 Analysis Date: 08/06/2011 1140

General Chemistry

Client Sample ID: **DUP-01-08052011**

Lab Sample ID: 580-27847-7 Date Sampled: 08/05/2011 0000
Client Matrix: Water Date Received: 08/06/2011 1020

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92180 Analysis Date: 08/06/2011 1140

Client: MWH Americas Inc

Job Number: 580-27847-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FB %Rec	TFT %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-27847-1	EB-01-08042011	103	102	97	100	97
580-27847-2	MW-04-08042011	103	104	100	101	93
580-27847-3	TB-01-08042011	103	104	98	99	94
580-27847-4	MW-02-08052011	103	100	99	98	92
580-27847-5	MW-01-08052011	104	100	99	100	94
580-27847-6	MW-03-08052011	106	98	98	98	93
580-27847-7	DUP-01-08052011	102	99	98	98	93
MB 580-92970/4		103	106	101	99	95
LCS 580-92970/5		105	102	98	98	95
LCSD 580-92970/6		103	101	100	100	97

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: MWH Americas Inc

Job Number: 580-27847-1

Method Blank - Batch: 580-92970

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 580-92970/4	Analysis Batch:	580-92970	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3016681.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1531	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1531				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	0.195	J	0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-27847-1

Method Blank - Batch: 580-92970

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 580-92970/4	Analysis Batch:	580-92970	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3016681.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1531	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1531				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Chlorotoluene	ND		0.15	1.0
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	103	80 - 120
Toluene-d8 (Surr)	101	85 - 120
Ethylbenzene-d10	99	80 - 120
4-Bromofluorobenzene (Surr)	95	75 - 120
Trifluorotoluene (Surr)	106	80 - 120

Client: MWH Americas Inc

Job Number: 580-27847-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-92970

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 580-92970/5	Analysis Batch:	580-92970	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3016682.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1558	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1558				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-92970/6	Analysis Batch:	580-92970	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3016683.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1624	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1624				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	113	113	70 - 130	0	30		
Benzene	114	111	80 - 120	3	30		
Trichloroethene	104	103	70 - 125	1	30		
Toluene	108	109	75 - 120	1	30		
Chlorobenzene	104	106	80 - 120	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	105	103	80 - 120
Toluene-d8 (Surr)	98	100	85 - 120
Ethylbenzene-d10	98	100	80 - 120
4-Bromofluorobenzene (Surr)	95	97	75 - 120
Trifluorotoluene (Surr)	102	101	80 - 120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-92970

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 580-92970/5	Units:	ug/L	LCSD Lab Sample ID:	LCSD 580-92970/6
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/16/2011 1558			Analysis Date:	08/16/2011 1624
Prep Date:	08/16/2011 1558			Prep Date:	08/16/2011 1624
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	20.1	20.1	22.6	22.7
Benzene	20.1	20.1	22.9	22.3
Trichloroethene	20.1	20.1	20.8	20.6
Toluene	20.1	20.1	21.6	21.8
Chlorobenzene	20.1	20.1	20.9	21.2

Method Blank - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 580-93133/16-A	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 0951	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	ND		0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.0014	0.0020
Copper	ND		0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND		0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	ND		0.000089	0.0070
Zinc	ND		0.0034	0.0070

LCS-Certified Reference Material - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCSSRM	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1020	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	3.00	3.08	103	80 - 120	
Arsenic	4.00	4.18	105	80 - 120	
Barium	4.00	4.17	104	80 - 120	
Beryllium	0.100	0.102	102	80 - 120	
Cadmium	0.100	0.109	109	80 - 120	
Chromium	0.400	0.395	99	80 - 120	
Copper	0.500	0.541	108	80 - 120	
Lead	1.00	1.06	106	80 - 120	
Molybdenum	5.00	5.18	104	80 - 120	
Nickel	1.00	1.09	109	80 - 120	
Selenium	4.00	4.20	105	80 - 120	
Silver	0.600	0.642	107	80 - 120	
Tin	5.00	5.33	107	80 - 120	
Zinc	1.00	1.02	102	80 - 120	

Client: MWH Americas Inc

Job Number: 580-27847-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 580-93133/17-A	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1013	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-93133/18-A	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1016	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Antimony	101	100	80 - 120	2	20		
Arsenic	103	101	80 - 120	2	20		
Barium	104	103	80 - 120	0	20		
Beryllium	99	100	80 - 120	1	20		
Cadmium	104	105	80 - 120	1	20		
Chromium	97	95	80 - 120	2	20		
Copper	106	106	80 - 120	0	20		
Lead	108	104	80 - 120	3	20		
Molybdenum	103	102	80 - 120	1	20		
Nickel	106	107	80 - 120	1	20		
Selenium	104	100	80 - 120	4	20		
Silver	106	107	80 - 120	1	20		
Tin	104	104	80 - 120	0	20		
Zinc	99	98	80 - 120	1	20		

Client: MWH Americas Inc

Job Number: 580-27847-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 580-93133/17-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 580-93133/18-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	50			Dilution:	50
Analysis Date:	08/19/2011 1013			Analysis Date:	08/19/2011 1016
Prep Date:	08/18/2011 1114			Prep Date:	08/18/2011 1114
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Antimony	3.00	3.00	3.03	2.99
Arsenic	4.00	4.00	4.12	4.05
Barium	4.00	4.00	4.14	4.13
Beryllium	0.100	0.100	0.0989	0.0999
Cadmium	0.100	0.100	0.104	0.105
Chromium	0.400	0.400	0.388	0.381
Copper	0.500	0.500	0.528	0.530
Lead	1.00	1.00	1.08	1.04
Molybdenum	5.00	5.00	5.17	5.12
Nickel	1.00	1.00	1.06	1.07
Selenium	4.00	4.00	4.17	4.02
Silver	0.600	0.600	0.634	0.641
Tin	5.00	5.00	5.22	5.19
Zinc	1.00	1.00	0.991	0.983

Client: MWH Americas Inc

Job Number: 580-27847-1

Post Digestion Spike - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	580-27847-1	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1010	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	ND	3.00	3.14	105	75 - 125	
Arsenic	ND	4.00	4.15	104	75 - 125	
Barium	ND	4.00	4.23	106	75 - 125	
Beryllium	ND	0.100	0.109	109	75 - 125	
Cadmium	ND	0.100	0.108	108	75 - 125	
Chromium	ND	0.400	0.386	96	75 - 125	
Copper	0.0016 J	0.500	0.557	111	75 - 125	
Lead	ND	1.00	1.06	106	75 - 125	
Molybdenum	ND	5.00	5.04	101	75 - 125	
Nickel	ND	1.00	1.09	109	75 - 125	
Selenium	ND	4.00	4.18	105	75 - 125	
Silver	ND	0.600	0.636	106	75 - 125	
Tin	ND	5.00	5.01	100	75 - 125	
Zinc	ND	1.00	0.995	100	75 - 125	

Client: MWH Americas Inc

Job Number: 580-27847-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	580-27847-1	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1004			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

MSD Lab Sample ID:	580-27847-1	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1007			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	100	98	80 - 120	3	20		
Arsenic	103	100	80 - 120	3	20		
Barium	102	100	80 - 120	2	20		
Beryllium	104	105	80 - 120	2	20		
Cadmium	104	99	80 - 120	5	20		
Chromium	98	94	80 - 120	4	20		
Copper	107	104	80 - 120	3	20		
Lead	106	105	80 - 120	1	20		
Molybdenum	96	95	80 - 120	2	20		
Nickel	105	105	80 - 120	1	20		
Selenium	101	100	80 - 120	1	20		
Silver	105	100	80 - 120	5	20		
Tin	98	97	80 - 120	2	20		
Zinc	96	97	80 - 120	1	20		

Client: MWH Americas Inc

Job Number: 580-27847-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

MS Lab Sample ID:	580-27847-1	Units: mg/L	
Client Matrix:	Water		
Dilution:	50		
Analysis Date:	08/19/2011 1004		
Prep Date:	08/18/2011 1114		
Leach Date:	N/A		

MSD Lab Sample ID:	580-27847-1
Client Matrix:	Water
Dilution:	50
Analysis Date:	08/19/2011 1007
Prep Date:	08/18/2011 1114
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Antimony	ND	3.00	3.00	3.01	2.93
Arsenic	ND	4.00	4.00	4.10	4.00
Barium	ND	4.00	4.00	4.08	4.01
Beryllium	ND	0.100	0.100	0.104	0.105
Cadmium	ND	0.100	0.100	0.104	0.0989
Chromium	ND	0.400	0.400	0.394	0.377
Copper	0.0016 J	0.500	0.500	0.538	0.522
Lead	ND	1.00	1.00	1.06	1.05
Molybdenum	ND	5.00	5.00	4.82	4.73
Nickel	ND	1.00	1.00	1.05	1.05
Selenium	ND	4.00	4.00	4.04	4.00
Silver	ND	0.600	0.600	0.630	0.599
Tin	ND	5.00	5.00	4.91	4.83
Zinc	ND	1.00	1.00	0.962	0.970

Serial Dilution - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	580-27847-1	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	25	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 0955	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Antimony	ND		ND	NC	10	
Arsenic	ND		ND	NC	10	
Barium	ND		ND	NC	10	
Beryllium	ND		ND	NC	10	
Cadmium	ND		ND	NC	10	
Chromium	ND		ND	NC	10	
Copper	0.0016	J	ND	NC	10	
Lead	ND		ND	NC	10	
Molybdenum	ND		ND	NC	10	
Nickel	ND		ND	NC	10	
Selenium	ND		ND	NC	10	
Silver	ND		ND	NC	10	
Tin	ND		ND	NC	10	
Zinc	ND		ND	NC	10	

Duplicate - Batch: 580-93133

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	580-27847-1	Analysis Batch:	580-93251	Instrument ID:	SEA026
Client Matrix:	Water	Prep Batch:	580-93133	Lab File ID:	93171-ICPMS.rep
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/19/2011 1001	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1114				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Antimony	ND		ND	NC	20	
Arsenic	ND		ND	NC	20	
Barium	ND		ND	NC	20	
Beryllium	ND		ND	NC	20	
Cadmium	ND		ND	NC	20	
Chromium	ND		ND	NC	20	
Copper	0.0016	J	0.00151	9	20	J
Lead	ND		ND	NC	20	
Molybdenum	ND		ND	NC	20	
Nickel	ND		ND	NC	20	
Selenium	ND		ND	NC	20	
Silver	ND		ND	NC	20	
Tin	ND		ND	NC	20	
Zinc	ND		ND	NC	20	

Client: MWH Americas Inc

Job Number: 580-27847-1

Method Blank - Batch: 580-93138

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 580-93138/19-A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1448	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.000041	0.00020

LCS-Certified Reference Material - Batch: 580-93138

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCSSRM	Analysis Batch:	580-93176	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1453	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00200	0.00202	101	75 - 125	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-93138

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID:	LCS 580-93138/20-A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1449	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-93138/21-A	Analysis Batch:	580-93176	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1451	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	106	102	80 - 120	4	20		

Client: MWH Americas Inc

Job Number: 580-27847-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-93138

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID:	LCS 580-93138/20-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 580-93138/21-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/18/2011 1449			Analysis Date:	08/18/2011 1451
Prep Date:	08/18/2011 1154			Prep Date:	08/18/2011 1154
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.00200	0.00200	0.00213	0.00204

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-93138

Method: 7470A
Preparation: 7470A

MS Lab Sample ID:	580-27847-7	Analysis Batch:	580-93176	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1458			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				
Leach Date:	N/A				

MSD Lab Sample ID:	580-27847-7	Analysis Batch:	580-93176	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1459			Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	103	104	80 - 120	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-93138

Method: 7470A
Preparation: 7470A

MS Lab Sample ID:	580-27847-7	Units:	mg/L	MSD Lab Sample ID:	580-27847-7
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/18/2011 1458			Analysis Date:	08/18/2011 1459
Prep Date:	08/18/2011 1154			Prep Date:	08/18/2011 1154
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	ND	0.00200	0.00200	0.00207	0.00208

Client: MWH Americas Inc

Job Number: 580-27847-1

Duplicate - Batch: 580-93138

Method: 7470A
Preparation: 7470A

Lab Sample ID:	580-27847-7	Analysis Batch:	580-93176	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-93138	Lab File ID:	081811-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/18/2011 1456	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/18/2011 1154				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	ND	ND	NC	20	

Client: MWH Americas Inc

Job Number: 580-27847-1

Method Blank - Batch: 580-92180

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	MB 580-92180/3	Analysis Batch:	580-92180	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2011 1140	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chromium, hexavalent	ND		0.0060	0.010

Lab Control Sample - Batch: 580-92180

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	LCS 580-92180/4	Analysis Batch:	580-92180	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2011 1140	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chromium, hexavalent	0.200	0.189	95	90 - 110	

Matrix Spike - Batch: 580-92180

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	580-27847-5	Analysis Batch:	580-92180	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2011 1140	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chromium, hexavalent	ND	0.200	0.202	101	85 - 115	

Client: MWH Americas Inc

Job Number: 580-27847-1

Duplicate - Batch: 580-92180

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	580-27847-5	Analysis Batch:	580-92180	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2011 1140	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chromium, hexavalent	ND	ND	NC	25	

Client: MWH Americas Inc

Job Number: 580-27847-1

Method Blank - Batch: 580-92517

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	MB 580-92517/3	Analysis Batch:	580-92517	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1657	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chromium, hexavalent	ND		0.0060	0.010

Lab Control Sample - Batch: 580-92517

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	LCS 580-92517/4	Analysis Batch:	580-92517	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1657	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chromium, hexavalent	0.200	0.208	104	90 - 110	

Matrix Spike - Batch: 580-92517

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	580-27847-1	Analysis Batch:	580-92517	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1657	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chromium, hexavalent	ND	0.200	0.193	97	85 - 115	

Client: MWH Americas Inc

Job Number: 580-27847-1

Duplicate - Batch: 580-92517

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	580-27847-1	Analysis Batch:	580-92517	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1657	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chromium, hexavalent	ND	ND	NC	25	

DATA REPORTING QUALIFIERS

Client: MWH Americas Inc Job Number: 580-27847-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	H	Sample was prepped or analyzed beyond the specified holding time

Client: MWH Americas Inc

Job Number: 580-27847-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:580-92970					
LCS 580-92970/5	Lab Control Sample	T	Water	8260B	
LCSD 580-92970/6	Lab Control Sample Duplicate	T	Water	8260B	
MB 580-92970/4	Method Blank	T	Water	8260B	
580-27847-1	EB-01-08042011	T	Water	8260B	
580-27847-2	MW-04-08042011	T	Water	8260B	
580-27847-3	TB-01-08042011	T	Water	8260B	
580-27847-4	MW-02-08052011	T	Water	8260B	
580-27847-5	MW-01-08052011	T	Water	8260B	
580-27847-6	MW-03-08052011	T	Water	8260B	
580-27847-7	DUP-01-08052011	T	Water	8260B	

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-27847-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-93133					
LCS 580-93133/17-A	Lab Control Sample	R	Water	3005A	
LCSD 580-93133/18-A	Lab Control Sample Duplicate	R	Water	3005A	
LCSSRM 580-93133/19-A	LCS-Certified Reference Material	R	Water	3005A	
MB 580-93133/16-A	Method Blank	R	Water	3005A	
580-27847-1	EB-01-08042011	R	Water	3005A	
580-27847-1DU	Duplicate	R	Water	3005A	
580-27847-1MS	Matrix Spike	R	Water	3005A	
580-27847-1MSD	Matrix Spike Duplicate	R	Water	3005A	
580-27847-2	MW-04-08042011	R	Water	3005A	
580-27847-4	MW-02-08052011	R	Water	3005A	
580-27847-5	MW-01-08052011	R	Water	3005A	
580-27847-6	MW-03-08052011	R	Water	3005A	
580-27847-7	DUP-01-08052011	R	Water	3005A	
Prep Batch: 580-93138					
LCS 580-93138/20-A	Lab Control Sample	T	Water	7470A	
LCSD 580-93138/21-A	Lab Control Sample Duplicate	T	Water	7470A	
LCSSRM 580-93138/22-A	LCS-Certified Reference Material	T	Water	7470A	
MB 580-93138/19-A	Method Blank	T	Water	7470A	
580-27847-1	EB-01-08042011	T	Water	7470A	
580-27847-2	MW-04-08042011	T	Water	7470A	
580-27847-4	MW-02-08052011	T	Water	7470A	
580-27847-5	MW-01-08052011	T	Water	7470A	
580-27847-6	MW-03-08052011	T	Water	7470A	
580-27847-7	DUP-01-08052011	T	Water	7470A	
580-27847-7DU	Duplicate	T	Water	7470A	
580-27847-7MS	Matrix Spike	T	Water	7470A	
580-27847-7MSD	Matrix Spike Duplicate	T	Water	7470A	
Analysis Batch:580-93176					
LCS 580-93138/20-A	Lab Control Sample	T	Water	7470A	580-93138
LCSD 580-93138/21-A	Lab Control Sample Duplicate	T	Water	7470A	580-93138
LCSSRM 580-93138/22-A	LCS-Certified Reference Material	T	Water	7470A	580-93138
MB 580-93138/19-A	Method Blank	T	Water	7470A	580-93138
580-27847-1	EB-01-08042011	T	Water	7470A	580-93138
580-27847-2	MW-04-08042011	T	Water	7470A	580-93138
580-27847-4	MW-02-08052011	T	Water	7470A	580-93138
580-27847-5	MW-01-08052011	T	Water	7470A	580-93138
580-27847-6	MW-03-08052011	T	Water	7470A	580-93138
580-27847-7	DUP-01-08052011	T	Water	7470A	580-93138
580-27847-7DU	Duplicate	T	Water	7470A	580-93138
580-27847-7MS	Matrix Spike	T	Water	7470A	580-93138
580-27847-7MSD	Matrix Spike Duplicate	T	Water	7470A	580-93138

Client: MWH Americas Inc

Job Number: 580-27847-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:580-93251					
LCS 580-93133/17-A	Lab Control Sample	R	Water	6020	580-93133
LCSD 580-93133/18-A	Lab Control Sample Duplicate	R	Water	6020	580-93133
LCSSRM 580-93133/19-A	LCS-Certified Reference Material	R	Water	6020	580-93133
MB 580-93133/16-A	Method Blank	R	Water	6020	580-93133
580-27847-1	EB-01-08042011	R	Water	6020	580-93133
580-27847-1DU	Duplicate	R	Water	6020	580-93133
580-27847-1MS	Matrix Spike	R	Water	6020	580-93133
580-27847-1MSD	Matrix Spike Duplicate	R	Water	6020	580-93133
580-27847-2	MW-04-08042011	R	Water	6020	580-93133
580-27847-4	MW-02-08052011	R	Water	6020	580-93133
580-27847-5	MW-01-08052011	R	Water	6020	580-93133
580-27847-6	MW-03-08052011	R	Water	6020	580-93133
580-27847-7	DUP-01-08052011	R	Water	6020	580-93133

Report Basis

R = Total Recoverable

T = Total

General Chemistry					
Analysis Batch:580-92180					
LCS 580-92180/4	Lab Control Sample	T	Water	SM 3500 CR D	
MB 580-92180/3	Method Blank	T	Water	SM 3500 CR D	
580-27847-5	MW-01-08052011	T	Water	SM 3500 CR D	
580-27847-5DU	Duplicate	T	Water	SM 3500 CR D	
580-27847-5MS	Matrix Spike	T	Water	SM 3500 CR D	
580-27847-6	MW-03-08052011	T	Water	SM 3500 CR D	
580-27847-7	DUP-01-08052011	T	Water	SM 3500 CR D	
Analysis Batch:580-92517					
LCS 580-92517/4	Lab Control Sample	T	Water	SM 3500 CR D	
MB 580-92517/3	Method Blank	T	Water	SM 3500 CR D	
580-27847-1	EB-01-08042011	T	Water	SM 3500 CR D	
580-27847-1DU	Duplicate	T	Water	SM 3500 CR D	
580-27847-1MS	Matrix Spike	T	Water	SM 3500 CR D	
580-27847-2	MW-04-08042011	T	Water	SM 3500 CR D	
580-27847-4	MW-02-08052011	T	Water	SM 3500 CR D	

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-27847-1

Laboratory Chronicle

Lab ID: 580-27847-1 **Client ID:** EB-01-08042011

Sample Date/Time: 08/04/2011 07:53 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27847-C-1		580-92970		08/16/2011 21:15	1	TAL SEA	SK
A:8260B	580-27847-C-1		580-92970		08/16/2011 21:15	1	TAL SEA	SK
P:3005A	580-27847-E-1-A		580-93251	580-93133	08/18/2011 11:14	5	TAL SEA	PAB
A:6020	580-27847-E-1-A		580-93251	580-93133	08/19/2011 09:58	5	TAL SEA	FCW
P:7470A	580-27847-E-1-E		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-1-E		580-93176	580-93138	08/18/2011 15:01	1	TAL SEA	PAB
A:SM 3500 CR D	580-27847-A-1		580-92517		08/10/2011 16:57	1	TAL SEA	SH

Lab ID: 580-27847-1 MS **Client ID:** EB-01-08042011

Sample Date/Time: 08/04/2011 07:53 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-27847-E-1-C MS		580-93251	580-93133	08/18/2011 11:14	50	TAL SEA	PAB
A:6020	580-27847-E-1-C MS		580-93251	580-93133	08/19/2011 10:04	50	TAL SEA	FCW
A:SM 3500 CR D	580-27847-A-1 MS		580-92517		08/10/2011 16:57	1	TAL SEA	SH

Lab ID: 580-27847-1 MSD **Client ID:** EB-01-08042011

Sample Date/Time: 08/04/2011 07:53 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-27847-E-1-D MSD		580-93251	580-93133	08/18/2011 11:14	50	TAL SEA	PAB
A:6020	580-27847-E-1-D MSD		580-93251	580-93133	08/19/2011 10:07	50	TAL SEA	FCW

Lab ID: 580-27847-1 DU **Client ID:** EB-01-08042011

Sample Date/Time: 08/04/2011 07:53 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-27847-E-1-B DU		580-93251	580-93133	08/18/2011 11:14	5	TAL SEA	PAB
A:6020	580-27847-E-1-B DU		580-93251	580-93133	08/19/2011 10:01	5	TAL SEA	FCW
A:SM 3500 CR D	580-27847-A-1 DU		580-92517		08/10/2011 16:57	1	TAL SEA	SH

Client: MWH Americas Inc

Job Number: 580-27847-1

Laboratory Chronicle

Lab ID: 580-27847-1 SD **Client ID:** EB-01-08042011

Sample Date/Time: 08/04/2011 07:53 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	580-27847-E-1-A SD		580-93251	580-93133	08/18/2011 11:14	25	TAL SEA	PAB
A:6020	580-27847-E-1-A SD		580-93251	580-93133	08/19/2011 09:55	25	TAL SEA	FCW
P:3005A	580-27847-E-1-A PDS		580-93251	580-93133	08/18/2011 11:14	50	TAL SEA	PAB
A:6020	580-27847-E-1-A PDS		580-93251	580-93133	08/19/2011 10:10	50	TAL SEA	FCW

Lab ID: 580-27847-2 **Client ID:** MW-04-08042011

Sample Date/Time: 08/04/2011 19:46 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27847-A-2		580-92970		08/16/2011 21:42	1	TAL SEA	SK
A:8260B	580-27847-A-2		580-92970		08/16/2011 21:42	1	TAL SEA	SK
P:3005A	580-27847-E-2-A		580-93251	580-93133	08/18/2011 11:14	5	TAL SEA	PAB
A:6020	580-27847-E-2-A		580-93251	580-93133	08/19/2011 10:29	5	TAL SEA	FCW
P:7470A	580-27847-E-2-B		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-2-B		580-93176	580-93138	08/18/2011 15:03	1	TAL SEA	PAB
A:SM 3500 CR D	580-27847-A-2		580-92517		08/10/2011 16:57	1	TAL SEA	SH

Lab ID: 580-27847-3 **Client ID:** TB-01-08042011

Sample Date/Time: 08/04/2011 17:00 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27847-B-3		580-92970		08/16/2011 18:37	1	TAL SEA	SK
A:8260B	580-27847-B-3		580-92970		08/16/2011 18:37	1	TAL SEA	SK

Lab ID: 580-27847-4 **Client ID:** MW-02-08052011

Sample Date/Time: 08/05/2011 09:38 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27847-A-4		580-92970		08/16/2011 22:08	1	TAL SEA	SK
A:8260B	580-27847-A-4		580-92970		08/16/2011 22:08	1	TAL SEA	SK
P:3005A	580-27847-E-4-A		580-93251	580-93133	08/18/2011 11:14	5	TAL SEA	PAB
A:6020	580-27847-E-4-A		580-93251	580-93133	08/19/2011 10:32	5	TAL SEA	FCW
P:7470A	580-27847-E-4-B		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-4-B		580-93176	580-93138	08/18/2011 15:08	1	TAL SEA	PAB
A:SM 3500 CR D	580-27847-A-4		580-92517		08/10/2011 16:57	1	TAL SEA	SH

Client: MWH Americas Inc

Job Number: 580-27847-1

Laboratory Chronicle

Lab ID: 580-27847-5 **Client ID:** MW-01-08052011

Sample Date/Time: 08/05/2011 12:29 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27847-C-5		580-92970		08/16/2011 22:35	1	TAL SEA	SK
A:8260B	580-27847-C-5		580-92970		08/16/2011 22:35	1	TAL SEA	SK
P:3005A	580-27847-E-5-A		580-93251	580-93133	08/18/2011 11:14	5	TAL SEA	PAB
A:6020	580-27847-E-5-A		580-93251	580-93133	08/19/2011 10:35	5	TAL SEA	FCW
P:7470A	580-27847-E-5-B		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-5-B		580-93176	580-93138	08/18/2011 15:10	1	TAL SEA	PAB
A:SM 3500 CR D	580-27847-C-5		580-92180		08/06/2011 11:40	1	TAL SEA	SH

Lab ID: 580-27847-5 MS **Client ID:** MW-01-08052011

Sample Date/Time: 08/05/2011 12:29 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 3500 CR D	580-27847-C-5 MS		580-92180		08/06/2011 11:40	1	TAL SEA	SH

Lab ID: 580-27847-5 DU **Client ID:** MW-01-08052011

Sample Date/Time: 08/05/2011 12:29 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 3500 CR D	580-27847-C-5 DU		580-92180		08/06/2011 11:40	1	TAL SEA	SH

Lab ID: 580-27847-6 **Client ID:** MW-03-08052011

Sample Date/Time: 08/05/2011 15:59 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27847-B-6		580-92970		08/16/2011 23:01	1	TAL SEA	SK
A:8260B	580-27847-B-6		580-92970		08/16/2011 23:01	1	TAL SEA	SK
P:3005A	580-27847-E-6-A		580-93251	580-93133	08/18/2011 11:14	5	TAL SEA	PAB
A:6020	580-27847-E-6-A		580-93251	580-93133	08/19/2011 10:38	5	TAL SEA	FCW
P:7470A	580-27847-E-6-B		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-6-B		580-93176	580-93138	08/18/2011 15:11	1	TAL SEA	PAB
A:SM 3500 CR D	580-27847-C-6		580-92180		08/06/2011 11:40	1	TAL SEA	SH

Client: MWH Americas Inc Job Number: 580-27847-1

Laboratory Chronicle

Lab ID: 580-27847-7 **Client ID: DUP-01-08052011**

Sample Date/Time: 08/05/2011 00:00 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27847-B-7		580-92970		08/16/2011 23:28	1	TAL SEA	SK
A:8260B	580-27847-B-7		580-92970		08/16/2011 23:28	1	TAL SEA	SK
P:3005A	580-27847-E-7-A		580-93251	580-93133	08/18/2011 11:14	5	TAL SEA	PAB
A:6020	580-27847-E-7-A		580-93251	580-93133	08/19/2011 10:41	5	TAL SEA	FCW
P:7470A	580-27847-E-7-B		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-7-B		580-93176	580-93138	08/18/2011 14:54	1	TAL SEA	PAB
A:SM 3500 CR D	580-27847-C-7		580-92180		08/06/2011 11:40	1	TAL SEA	SH

Lab ID: 580-27847-7 MS **Client ID: DUP-01-08052011**

Sample Date/Time: 08/05/2011 00:00 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	580-27847-E-7-D MS		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-7-D MS		580-93176	580-93138	08/18/2011 14:58	1	TAL SEA	PAB

Lab ID: 580-27847-7 MSD **Client ID: DUP-01-08052011**

Sample Date/Time: 08/05/2011 00:00 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	580-27847-E-7-E MSD		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-7-E MSD		580-93176	580-93138	08/18/2011 14:59	1	TAL SEA	PAB

Lab ID: 580-27847-7 DU **Client ID: DUP-01-08052011**

Sample Date/Time: 08/05/2011 00:00 Received Date/Time: 08/06/2011 10:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	580-27847-E-7-C DU		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	580-27847-E-7-C DU		580-93176	580-93138	08/18/2011 14:56	1	TAL SEA	PAB

Client: MWH Americas Inc Job Number: 580-27847-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 580-92970/4		580-92970		08/16/2011 15:31	1	TAL SEA	SK
A:8260B	MB 580-92970/4		580-92970		08/16/2011 15:31	1	TAL SEA	SK
P:3005A	MB 580-93133/16-A		580-93251	580-93133	08/18/2011 11:14	5	TAL SEA	PAB
A:6020	MB 580-93133/16-A		580-93251	580-93133	08/19/2011 09:51	5	TAL SEA	FCW
P:7470A	MB 580-93138/19-A		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	MB 580-93138/19-A		580-93176	580-93138	08/18/2011 14:48	1	TAL SEA	PAB
A:SM 3500 CR D	MB 580-92180/3		580-92180		08/06/2011 11:40	1	TAL SEA	SH
A:SM 3500 CR D	MB 580-92517/3		580-92517		08/10/2011 16:57	1	TAL SEA	SH

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 580-92970/5		580-92970		08/16/2011 15:58	1	TAL SEA	SK
A:8260B	LCS 580-92970/5		580-92970		08/16/2011 15:58	1	TAL SEA	SK
P:3005A	LCS 580-93133/17-A		580-93251	580-93133	08/18/2011 11:14	50	TAL SEA	PAB
A:6020	LCS 580-93133/17-A		580-93251	580-93133	08/19/2011 10:13	50	TAL SEA	FCW
P:7470A	LCS 580-93138/20-A		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	LCS 580-93138/20-A		580-93176	580-93138	08/18/2011 14:49	1	TAL SEA	PAB
A:SM 3500 CR D	LCS 580-92180/4		580-92180		08/06/2011 11:40	1	TAL SEA	SH
A:SM 3500 CR D	LCS 580-92517/4		580-92517		08/10/2011 16:57	1	TAL SEA	SH

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 580-92970/6		580-92970		08/16/2011 16:24	1	TAL SEA	SK
A:8260B	LCSD 580-92970/6		580-92970		08/16/2011 16:24	1	TAL SEA	SK
P:3005A	LCSD 580-93133/18-A		580-93251	580-93133	08/18/2011 11:14	50	TAL SEA	PAB
A:6020	LCSD 580-93133/18-A		580-93251	580-93133	08/19/2011 10:16	50	TAL SEA	FCW
P:7470A	LCSD 580-93138/21-A		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	LCSD 580-93138/21-A		580-93176	580-93138	08/18/2011 14:51	1	TAL SEA	PAB

Client: MWH Americas Inc

Job Number: 580-27847-1

Laboratory Chronicle

Lab ID: **LCSSRM** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	LCSSRM 580-93133/19-A		580-93251	580-93133	08/18/2011 11:14	50	TAL SEA	PAB
A:6020	LCSSRM 580-93133/19-A		580-93251	580-93133	08/19/2011 10:20	50	TAL SEA	FCW
P:7470A	LCSSRM 580-93138/22-A		580-93176	580-93138	08/18/2011 11:54	1	TAL SEA	PAB
A:7470A	LCSSRM 580-93138/22-A		580-93176	580-93138	08/18/2011 14:53	1	TAL SEA	PAB

Lab References:

TAL SEA = TestAmerica Seattle

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
Hex Cr Spk_00007	07/11/12	EM Scientific, Lot 40027037			(Purchased Reagent)		Chromium, hexavalent	100 ppm
Hex Cr Spk_00008	08/11/12	EM Scientific, Lot 40027037			(Purchased Reagent)		Chromium, hexavalent	100 ppm
Hg_CAL_WORK_00008	10/12/11	07/12/11	H2O, Lot standard	1000 mg/L	Hg_CAL_STOCK_00001	1 mL	Mercury	0.1 mg/L
.Hg_CAL_STOCK_00001	06/30/14	AccuStandard, Lot B7045094-1A			(Purchased Reagent)		Mercury	100 mg/L
Hg_ICV_WORK_00009	10/12/11	07/12/11	H2O, Lot standard	1000 mg/L	Hg_ICV_STOCK_00002	1 mL	Mercury	0.1 mg/L
.Hg_ICV_STOCK_00002	01/29/12	CPI, Lot 10D252			(Purchased Reagent)		Mercury	100 mg/L
ICPMS- ICSA_00002	12/01/11	Inorganic Ventures, Lot d2-meb329124			(Purchased Reagent)		Al	1000 ug/mL
							Ca	3000 ug/mL
							Fe	2500 ug/mL
							K	1000 ug/mL
							Mg	1000 ug/mL
							Molybdenum	20 ug/mL
							Na	2500 ug/mL
							P	1000 ug/mL
							Ti	20 ug/mL
ICPMS-ICSB_00002	12/01/11	Inorganic Ventures, Lot d2-meb324099			(Purchased Reagent)		Arsenic	10 ug/mL
							Cadmium	10 ug/mL
							Chromium	20 ug/mL
							Co	20 ug/mL
							Copper	20 ug/mL
							Mn	20 ug/mL
							Nickel	20 ug/mL
							Selenium	10 ug/mL
							Silver	5 ug/mL
							V	20 ug/mL
							Zinc	10 ug/mL
ICPMS_CAL_WOR_00007	09/22/11	06/30/11	H2O, Lot 123010	1000 mL	ICPMS_CAL_00001	10 mL	Antimony	100 ug/L
							Arsenic	100 ug/L
							Barium	100 ug/L
							Beryllium	100 ug/L
							Cadmium	100 ug/L
							Chromium	100 ug/L
							Copper	100 ug/L
							Lead	100 ug/L
							Molybdenum	100 ug/L
							Nickel	100 ug/L
							Selenium	100 ug/L
							Silver	100 ug/L
							Tin	100 ug/L
							Zinc	100 ug/L
.ICPMS_CAL_00001	09/22/11	CPI, Lot 10C166			(Purchased Reagent)		Antimony	10 mg/L
							Arsenic	10 mg/L
							Barium	10 mg/L
							Beryllium	10 mg/L
							Cadmium	10 mg/L
							Chromium	20 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Copper	10 mg/L
							Lead	10 mg/L
							Molybdenum	10 mg/L
							Nickel	10 mg/L
							Selenium	10 mg/L
							Silver	10 mg/L
							Tin	10 mg/L
							Zinc	10 mg/L
ICPMS_ICV_WOR_00010	11/15/11	08/15/11	H2O, Lot 021511	1000 mL	ICPMS_ICV_00003	4 mL	Antimony	40 ug/L
							Arsenic	40 ug/L
							Barium	40 ug/L
							Beryllium	40 ug/L
							Cadmium	40 ug/L
							Chromium	40 ug/L
							Copper	40 ug/L
							Lead	40 ug/L
							Molybdenum	40 ug/L
							Nickel	40 ug/L
							Selenium	40 ug/L
							Silver	40 ug/L
							Tin	40 ug/L
							Zinc	40 ug/L
.ICPMS_ICV_00003	01/30/12		SPEX, Lot 5-236cr		(Purchased Reagent)		Antimony	10 mg/L
							Arsenic	10 mg/L
							Barium	10 mg/L
							Beryllium	10 mg/L
							Cadmium	10 mg/L
							Chromium	10 mg/L
							Copper	10 mg/L
							Lead	10 mg/L
							Molybdenum	10 mg/L
							Nickel	10 mg/L
							Selenium	10 mg/L
							Silver	10 mg/L
							Tin	10 mg/L
							Zinc	10 mg/L
m-GPS-1_00021	12/29/12		CPI, Lot 11F316		(Purchased Reagent)		Al	200 ppm
							Antimony	50 ppm
							Arsenic	200 ppm
							Barium	200 ppm
							Beryllium	5 ppm
							Cadmium	5 ppm
							Chromium	20 ppm
							Co	50 ppm
							Copper	25 ppm
							Fe	100 ppm
							Lead	50 ppm
							Mn	50 ppm
							Nickel	50 ppm
							Selenium	200 ppm

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Silver	5 ppm
							Tl	200 ppm
							V	50 ppm
							Zinc	50 ppm
m-GPS-2_00018	12/29/12		CPI, Lot 11F317		(Purchased Reagent)		Antimony	100 ppm
							Silver	25 ppm
m-GPS-3_00018	12/29/12		CPI, Lot 11F319		(Purchased Reagent)		Ca	1000 ppm
							Fe	1000 ppm
							K	1000 ppm
							Mg	1000 ppm
							Na	1000 ppm
							P	1000 ppm
m-GPS-4_00020	12/29/12		CPI, Lot 11F318		(Purchased Reagent)		B	250 ppm
							Molybdenum	250 ppm
							Ti	250 ppm
							Tin	250 ppm
MS-HgSpk_00011	05/10/12	05/10/11	H2O, Lot standard	1000 mg/L	Hg_CAL_STOCK_00001	25 mL	Mercury	2.5 mg/L
.Hg_CAL_STOCK_00001	06/30/14		AccuStandard, Lot B7045094-1A		(Purchased Reagent)		Mercury	100 mg/L
V-SurTFTWk_00013	08/04/11	11/04/10	MeOH, Lot CR013	200 mL	V-TFTStk_00014	800 uL	Trifluorotoluene (Surr)	39.984 mg/L
.V-TFTStk_00014	10/21/11	07/26/10	Fisher, Lot 096181	50 mL	TFTneat_00004	420 uL	Trifluorotoluene (Surr)	9996 mg/L
..TFTneat_00004	10/21/11		Sigma-Aldrich, Lot 96397PJ		(Purchased Reagent)		Trifluorotoluene (Surr)	1190000 mg/L
V-SurTFTWk_00014	10/21/11	08/04/11	MeOH, Lot CR013	200 mL	V-TFTStk_00014	800 uL	Trifluorotoluene (Surr)	39.984 mg/L
.V-TFTStk_00014	10/21/11	07/26/10	Fisher, Lot 096181	50 mL	TFTneat_00004	420 uL	Trifluorotoluene (Surr)	9996 mg/L
..TFTneat_00004	10/21/11		Sigma-Aldrich, Lot 96397PJ		(Purchased Reagent)		Trifluorotoluene (Surr)	1190000 mg/L
V_LCS_G_50w_00038	08/09/11	08/02/11	fisher MeOH, Lot 110412	50 mL	8260SCalO1_00007	1250 uL	Methyl tert-butyl ether	50 mg/L
					vscvG_stk_00002	1250 uL	Bromomethane	50 mg/L
							Chloroethane	50 mg/L
							Chloromethane	50 mg/L
							Dichlorodifluoromethane	50 mg/L
							Trichlorofluoromethane	50 mg/L
							Vinyl chloride	50 mg/L
.8260SCalO1_00007	02/28/15		Restek, Lot A072953		(Purchased Reagent)		Methyl tert-butyl ether	2000 ug/mL
.vscvG_stk_00002	06/24/12		Accustandard, Lot 209061278		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
V_LCS_L_50_00029	12/20/11	06/20/11	fisher MeOH, Lot 110412	10 mL	8260 LiqS_00014	2500 uL	1,1,1,2-Tetrachloroethane	49.325 mg/L
							1,1,1-Trichloroethane	50.025 mg/L
							1,1,2,2-Tetrachloroethane	50 mg/L
							1,1,2-Trichloroethane	49.375 mg/L
							1,1-Dichloroethane	49.5 mg/L
							1,1-Dichloroethene	49.5 mg/L
							1,1-Dichloropropene	49.825 mg/L
							1,2,3-Trichlorobenzene	50.025 mg/L
							1,2,3-Trichloropropane	49.275 mg/L

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	49.675 mg/L
							1,2,4-Trimethylbenzene	50.05 mg/L
							1,2-Dibromo-3-Chloropropane	50.025 mg/L
							1,2-Dichlorobenzene	49.1 mg/L
							1,2-Dichloroethane	49.55 mg/L
							1,2-Dichloropropane	50 mg/L
							1,3,5-Trimethylbenzene	50.025 mg/L
							1,3-Dichlorobenzene	49.9 mg/L
							1,3-Dichloropropane	49.975 mg/L
							1,4-Dichlorobenzene	49.95 mg/L
							2,2-Dichloropropane	50.05 mg/L
							2-Chlorotoluene	49.475 mg/L
							4-Chlorotoluene	49.25 mg/L
							4-Isopropyltoluene	49.725 mg/L
							Benzene	49.775 mg/L
							Bromobenzene	49.75 mg/L
							Bromoform	49.825 mg/L
							Carbon tetrachloride	50.075 mg/L
							Chlorobenzene	50 mg/L
							Chlorobromomethane	49.6 mg/L
							Chlorodibromomethane	49.575 mg/L
							Chloroform	50.025 mg/L
							cis-1,2-Dichloroethene	49.95 mg/L
							cis-1,3-Dichloropropene	52.525 mg/L
							Dibromomethane	49.325 mg/L
							Dichlorobromomethane	49.375 mg/L
							Ethylbenzene	49.625 mg/L
							Ethylene Dibromide	49.975 mg/L
							Hexachlorobutadiene	49.975 mg/L
							Isopropylbenzene	50 mg/L
							m-Xylene & p-Xylene	99.95 mg/L
							Methylene Chloride	50.025 mg/L
							n-Butylbenzene	49.5 mg/L
							N-Propylbenzene	50 mg/L
							Naphthalene	50.025 mg/L
							o-Xylene	50 mg/L
							sec-Butylbenzene	50.025 mg/L
							Styrene	49.85 mg/L
							tert-Butylbenzene	49.8 mg/L
							Tetrachloroethene	50.05 mg/L
							Toluene	50.025 mg/L
							trans-1,2-Dichloroethene	50.05 mg/L
							trans-1,3-Dichloropropene	47.475 mg/L
							Trichloroethene	50.025 mg/L
.8260 LiqS_00014	09/10/13	AccuStandard, Inc, Lot 210081381			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	197.3 ug/mL
							1,1,1-Trichloroethane	200.1 ug/mL
							1,1,2,2-Tetrachloroethane	200 ug/mL
							1,1,2-Trichloroethane	197.5 ug/mL
							1,1-Dichloroethane	198 ug/mL
							1,1-Dichloroethene	200.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloropropene	199.3 ug/mL
							1,2,3-Trichlorobenzene	200.1 ug/mL
							1,2,3-Trichloropropane	197.1 ug/mL
							1,2,4-Trichlorobenzene	198.7 ug/mL
							1,2,4-Trimethylbenzene	200.2 ug/mL
							1,2-Dibromo-3-Chloropropane	200.1 ug/mL
							1,2-Dichlorobenzene	196.4 ug/mL
							1,2-Dichloroethane	198.2 ug/mL
							1,2-Dichloropropane	200 ug/mL
							1,3,5-Trimethylbenzene	200.1 ug/mL
							1,3-Dichlorobenzene	199.6 ug/mL
							1,3-Dichloropropane	199.9 ug/mL
							1,4-Dichlorobenzene	199.8 ug/mL
							2,2-Dichloropropane	200.2 ug/mL
							2-Chlorotoluene	197.9 ug/mL
							4-Chlorotoluene	197 ug/mL
							4-Isopropyltoluene	198.9 ug/mL
							Benzene	199.1 ug/mL
							Bromobenzene	199 ug/mL
							Bromoform	199.3 ug/mL
							Carbon tetrachloride	200.3 ug/mL
							Chlorobenzene	200 ug/mL
							Chlorobromomethane	198.4 ug/mL
							Chlorodibromomethane	198.3 ug/mL
							Chloroform	200.1 ug/mL
							cis-1,2-Dichloroethene	199.8 ug/mL
							cis-1,3-Dichloropropene	210.1 ug/mL
							Dibromomethane	197.3 ug/mL
							Dichlorobromomethane	197.5 ug/mL
							Ethylbenzene	198.5 ug/mL
							Ethylene Dibromide	199.9 ug/mL
							Hexachlorobutadiene	199.9 ug/mL
							Isopropylbenzene	200 ug/mL
							m-Xylene & p-Xylene	399.8 ug/mL
							Methylene Chloride	200.1 ug/mL
							n-Butylbenzene	198 ug/mL
							N-Propylbenzene	200 ug/mL
							Naphthalene	200.1 ug/mL
							o-Xylene	200 ug/mL
							sec-Butylbenzene	200.1 ug/mL
							Styrene	199.4 ug/mL
							tert-Butylbenzene	199.2 ug/mL
							Tetrachloroethene	200.2 ug/mL
							Toluene	200.1 ug/mL
							trans-1,2-Dichloroethene	200.2 ug/mL
							trans-1,3-Dichloropropene	189.9 ug/mL
							Trichloroethene	200.1 ug/mL
V_LCS_SL_50_00005	12/03/11	06/03/11	omnisolv MeOH, Lot 110412	50 mL	8260SLMSSK_00003	1 mL	1,1-Dichloroethene	50 mg/L
							Benzene	50 mg/L

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	50 mg/L
							Toluene	50 mg/L
							Trichloroethene	50 mg/L
.8260SLMSSK_00003	05/31/12		Restek, Lot A052173		(Purchased Reagent)		1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Toluene	2500 ug/mL
							Trichloroethene	2500 ug/mL
vcal_L_50_00016	01/26/12	07/26/11	fisher MeOH, Lot 110412	25 mL	8260 Pfull_00005	625 uL	1,1,1,2-Tetrachloroethane	50.15 mg/L
							1,1,1-Trichloroethane	49.975 mg/L
							1,1,2,2-Tetrachloroethane	50.125 mg/L
							1,1,2-Trichloro-1,2,2-trifluoroethane	49.875 mg/L
							1,1,2-Trichloroethane	50.1 mg/L
							1,1-Dichloroethane	49.975 mg/L
							1,1-Dichloroethene	49.95 mg/L
							1,1-Dichloropropene	49.525 mg/L
							1,2,3-Trichlorobenzene	49.65 mg/L
							1,2,3-Trichloropropane	50.525 mg/L
							1,2,4-Trichlorobenzene	49.65 mg/L
							1,2,4-Trimethylbenzene	50.275 mg/L
							1,2-Dibromo-3-Chloropropane	50.15 mg/L
							1,2-Dichlorobenzene	50.025 mg/L
							1,2-Dichloroethane	49.975 mg/L
							1,2-Dichloropropane	51.1 mg/L
							1,3,5-Trichlorobenzene	50 mg/L
							1,3,5-Trimethylbenzene	50.05 mg/L
							1,3-Dichlorobenzene	50.025 mg/L
							1,3-Dichloropropane	49.95 mg/L
							1,4-Dichlorobenzene	49.95 mg/L
							2,2-Dichloropropane	50 mg/L
							2-Chlorotoluene	50.225 mg/L
							2-Ethyl-1-Hexanol	1249.5 mg/L
							4-Chlorotoluene	50.125 mg/L
							4-Isopropyltoluene	49.95 mg/L
							Acetonitrile	499.75 mg/L
							Acrylonitrile	250.25 mg/L
							Benzene	49.95 mg/L
							Bromobenzene	50.35 mg/L
							Bromoform	50.75 mg/L
							Carbon disulfide	50.075 mg/L
							Carbon tetrachloride	50.075 mg/L
							Chlorobenzene	49.9 mg/L
							Chlorobromomethane	50.075 mg/L
							Chlorodibromomethane	49.625 mg/L
							Chloroform	50.05 mg/L
							cis-1,2-Dichloroethene	50.1 mg/L
							cis-1,3-Dichloropropene	49.6 mg/L
							cis-1,4-Dichloro-2-butene	250.25 mg/L
							Cyclohexane	50.1 mg/L

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	50.3 mg/L
							Dichlorobromomethane	50.05 mg/L
							Ethyl ether	250.25 mg/L
							Ethylbenzene	49.975 mg/L
							Ethylene Dibromide	50.15 mg/L
							Hexachlorobutadiene	50 mg/L
							Hexachloroethane	50.15 mg/L
							Hexane	50.125 mg/L
							Iodomethane	251.25 mg/L
							Isobutyl alcohol	499.25 mg/L
							Isopropylbenzene	50.025 mg/L
							m-Xylene & p-Xylene	100.125 mg/L
							Methacrylonitrile	253.25 mg/L
							Methylcyclohexane	49.975 mg/L
							Methylene Chloride	49.875 mg/L
							n-Butanol	500.5 mg/L
							n-Butylbenzene	50 mg/L
							N-Propylbenzene	50 mg/L
							Naphthalene	50.075 mg/L
							o-Xylene	50.05 mg/L
							sec-Butylbenzene	50.075 mg/L
							Styrene	50.2 mg/L
							tert-Butylbenzene	49.975 mg/L
							Tetrachloroethene	50.075 mg/L
							Tetrahydrofuran	250.25 mg/L
							Toluene	49.975 mg/L
							trans-1,2-Dichloroethene	50 mg/L
							trans-1,3-Dichloropropene	51 mg/L
							trans-1,4-Dichloro-2-butene	250 mg/L
							Trichloroethene	50 mg/L
.8260 Pfull_00005	09/26/12		o2si, Lot 164150		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2006 mg/L
							1,1,1-Trichloroethane	1999 mg/L
							1,1,2,2-Tetrachloroethane	2005 mg/L
							1,1,2-Trichloro-1,2,2-trifluoroethane	1995 mg/L
							1,1,2-Trichloroethane	2004 mg/L
							1,1-Dichloroethane	1999 mg/L
							1,1-Dichloroethene	1998 mg/L
							1,1-Dichloropropene	1981 mg/L
							1,2,3-Trichlorobenzene	1986 mg/L
							1,2,3-Trichloropropane	2021 mg/L
							1,2,4-Trichlorobenzene	1986 mg/L
							1,2,4-Trimethylbenzene	2011 mg/L
							1,2-Dibromo-3-Chloropropane	2006 mg/L
							1,2-Dichlorobenzene	2001 mg/L
							1,2-Dichloroethane	1999 mg/L
							1,2-Dichloropropane	2044 mg/L
							1,3,5-Trichlorobenzene	2000 mg/L
							1,3,5-Trimethylbenzene	2002 mg/L
							1,3-Dichlorobenzene	2001 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	1998 mg/L
							1,4-Dichlorobenzene	1998 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2009 mg/L
							2-Ethyl-1-Hexanol	49980 mg/L
							4-Chlorotoluene	2005 mg/L
							4-Isopropyltoluene	1998 mg/L
							Acetonitrile	19990 mg/L
							Acrylonitrile	10010 mg/L
							Benzene	1998 mg/L
							Bromobenzene	2014 mg/L
							Bromoform	2030 mg/L
							Carbon disulfide	2003 mg/L
							Carbon tetrachloride	2003 mg/L
							Chlorobenzene	1996 mg/L
							Chlorobromomethane	2003 mg/L
							Chlorodibromomethane	1985 mg/L
							Chloroform	2002 mg/L
							cis-1,2-Dichloroethene	2004 mg/L
							cis-1,3-Dichloropropene	1984 mg/L
							cis-1,4-Dichloro-2-butene	10010 mg/L
							Cyclohexane	2000 mg/L
							Dibromomethane	2012 mg/L
							Dichlorobromomethane	2002 mg/L
							Ethyl ether	10010 mg/L
							Ethylbenzene	1999 mg/L
							Ethylene Dibromide	2006 mg/L
							Hexachlorobutadiene	2000 mg/L
							Hexachloroethane	2006 mg/L
							Hexane	2005 mg/L
							Iodomethane	10050 mg/L
							Isobutyl alcohol	19970 mg/L
							Isopropylbenzene	2001 mg/L
							m-Xylene & p-Xylene	4005 mg/L
							Methacrylonitrile	10130 mg/L
							Methylcyclohexane	1999 mg/L
							Methylene Chloride	1995 mg/L
							n-Butanol	20020 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2003 mg/L
							o-Xylene	2002 mg/L
							sec-Butylbenzene	2003 mg/L
							Styrene	2008 mg/L
							tert-Butylbenzene	1999 mg/L
							Tetrachloroethene	2003 mg/L
							Tetrahydrofuran	10010 mg/L
							Toluene	1999 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2000 mg/L

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,4-Dichloro-2-butene	10000 mg/L
							Trichloroethene	2000 mg/L
vcalg50w_00042	08/09/11	08/02/11	fisher MeOH, Lot 110412	50 mL	8260 Pmix1_00005	1250 uL	Bromomethane	50.0108 mg/L
							Chloroethane	49.966 mg/L
							Chloromethane	50.0268 mg/L
							Dichlorodifluoromethane	49.9688 mg/L
							Trichlorofluoromethane	49.9963 mg/L
							Vinyl chloride	50.007 mg/L
					8260P VOA1_00006	2500 uL	2-Butanone (MEK)	250 mg/L
							2-Hexanone	250 mg/L
							4-Methyl-2-pentanone (MIBK)	250 mg/L
							Acetone	250 mg/L
					8260PAceta_00012	1250 uL	Ethyl acetate	249.25 mg/L
							Methyl acetate	251 mg/L
					8260PCalO1_00006	1250 uL	2-Methyl-2-propanol	250 mg/L
							Isopropyl ether	50 mg/L
							Methyl tert-butyl ether	50 mg/L
							Tert-amyl methyl ether	50 mg/L
							Tert-butyl ethyl ether	50 mg/L
					V-Acrolein_00001	15 uL	Acrolein	252 mg/L
					V-TFTStk_00014	250 uL	Trifluorotoluene (Surr)	49.98 mg/L
					vcalneat13_00002	13.5 uL	Vinyl acetate	251.64 mg/L
					vLCSneat25_00001	12 uL	2-Chloroethyl vinyl ether	251.52 mg/L
.8260 Pmix1_00005	05/31/17		Restek, Lot A076677		(Purchased Reagent)		Bromomethane	2000.43 ug/mL
							Chloroethane	1998.64 ug/mL
							Chloromethane	2001.07 ug/mL
							Dichlorodifluoromethane	1998.75 ug/mL
							Trichlorofluoromethane	1999.85 ug/mL
							Vinyl chloride	2000.28 ug/mL
.8260P VOA1_00006	07/31/13		Restek, Lot A073997		(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
.8260PAceta_00012	03/12/13		o2si, Lot 173104		(Purchased Reagent)		Ethyl acetate	9970 ug/mL
							Methyl acetate	10040 ug/mL
.8260PCalO1_00006	06/30/15		Restek, Lot A075112		(Purchased Reagent)		2-Methyl-2-propanol	10000 ug/mL
							Isopropyl ether	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
.V-Acrolein_00001	03/21/12		Alfa Aesar, Lot K03R001		(Purchased Reagent)		Acrolein	0.84 g/mL
.V-TFTStk_00014	10/21/11	07/26/10	Fisher, Lot 096181	50 mL	TFTneat_00004	420 uL	Trifluorotoluene (Surr)	9996 mg/L
..TFTneat_00004	10/21/11		Sigma-Aldrich, Lot 96397PJ		(Purchased Reagent)		Trifluorotoluene (Surr)	1190000 mg/L
.vcalneat13_00002	03/13/12		Aldrich, Lot 12801TD		(Purchased Reagent)		Vinyl acetate	0.932 g/mL
.vLCSneat25_00001	12/31/12		Aldrich, Lot 08402CH		(Purchased Reagent)		2-Chloroethyl vinyl ether	1.048 g/mL
vcalg50w_00044	08/20/11	08/10/11	fisher MeOH, Lot 110412	50 mL	8260 Pmix1_00005	1250 uL	Bromomethane	50.0108 mg/L
							Chloroethane	49.966 mg/L
							Chloromethane	50.0268 mg/L
							Dichlorodifluoromethane	49.9688 mg/L
							Trichlorofluoromethane	49.9963 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	50.007 mg/L
					8260PCalO1_00006	1250 uL	Methyl tert-butyl ether	50 mg/L
					V-TFTStk_00014	250 uL	Trifluorotoluene (Surr)	49.98 mg/L
.8260 Pmix1_00005	05/31/17		Restek, Lot A076677		(Purchased Reagent)		Bromomethane	2000.43 ug/mL
							Chloroethane	1998.64 ug/mL
							Chloromethane	2001.07 ug/mL
							Dichlorodifluoromethane	1998.75 ug/mL
							Trichlorofluoromethane	1999.85 ug/mL
							Vinyl chloride	2000.28 ug/mL
.8260PCalO1_00006	06/30/15		Restek, Lot A075112		(Purchased Reagent)		Methyl tert-butyl ether	2000 ug/mL
.V-TFTStk_00014	10/21/11	07/26/10	Fisher, Lot 096181	50 mL	TFTneat_00004	420 uL	Trifluorotoluene (Surr)	9996 mg/L
..TFTneat_00004	10/21/11		Sigma-Aldrich, Lot 96397PJ		(Purchased Reagent)		Trifluorotoluene (Surr)	1190000 mg/L
vwrkIS&sur_00040	10/21/11	10/30/10	fisher MeOH, Lot 104737	100 mL	V-ISStk_00011	1250 uL	1,4-Dichlorobenzene-d4	250 mg/L
							1,4-Difluorobenzene	250.088 mg/L
							Pentafluorobenzene	249.81 mg/L
					V-SurStk_00009	250 uL	4-Bromofluorobenzene (Surr)	50.1072 mg/L
							Toluene-d8 (Surr)	50.0733 mg/L
							Ethylbenzene-d10	50.0123 mg/L
							Fluorobenzene (Surr)	50.02 mg/L
.V-ISStk_00011	10/21/11	10/27/10	fisher MeOH, Lot 096181	50 mL	V-ISneat#1_00003	1000 mg	1,4-Dichlorobenzene-d4	20000 mg/L
					V-ISneat#2_00004	855 uL	1,4-Difluorobenzene	20007 mg/L
					V-ISneat#3_00006	660 uL	Pentafluorobenzene	19984.8 mg/L
..V-ISneat#1_00003	10/21/11		Isotec, Lot ST0037		(Purchased Reagent)		1,4-Dichlorobenzene-d4	1 g/mL
..V-ISneat#2_00004	10/21/11		Aldrich, Lot 13105AO		(Purchased Reagent)		1,4-Difluorobenzene	1.17 g/mL
..V-ISneat#3_00006	10/21/11		Aldrich, Lot MKBC7851		(Purchased Reagent)		Pentafluorobenzene	1.514 g/mL
.V-SurStk_00009	10/21/11	10/27/10	fisher MeOH, Lot 096181	25 mL	V-Surnea3_00004	312 uL	4-Bromofluorobenzene (Surr)	20042.9 mg/L
					V-Surneat2_00003	531 uL	Toluene-d8 (Surr)	20029.3 mg/L
					V-Surneat4_00003	527 uL	Ethylbenzene-d10	20004.9 mg/L
					V-Surneat5_00003	488 uL	Fluorobenzene (Surr)	20008 mg/L
..V-Surnea3_00004	10/21/11		Aldrich, Lot 01127CO		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	1.606 g/mL
..V-Surneat2_00003	10/21/11		Aldrich, Lot 07726DH		(Purchased Reagent)		Toluene-d8 (Surr)	0.943 g/mL
..V-Surneat4_00003	10/21/11		Aldrich, Lot 19510HA		(Purchased Reagent)		Ethylbenzene-d10	0.949 g/mL
..V-Surneat5_00003	10/21/11		Aldrich, Lot 0001448118		(Purchased Reagent)		Fluorobenzene (Surr)	1.025 g/mL

Certification Summary

Client: MWH Americas Inc
Project/Site: GE Yakima-Yakima, WA

TestAmerica Job ID: 580-27847-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Seattle	Alaska	Alaska UST	10	UST-022
TestAmerica Seattle	Alaska	TA-Port Heiden Mobile Lab	10	UST-093
TestAmerica Seattle	California	NELAC	9	1115CA
TestAmerica Seattle	Florida	NELAC	4	E871074
TestAmerica Seattle	L-A-B	DoD ELAP		L2236
TestAmerica Seattle	L-A-B	ISO/IEC 17025		L2236
TestAmerica Seattle	Louisiana	NELAC	6	05016
TestAmerica Seattle	Montana	MT DEQ UST	8	N/A
TestAmerica Seattle	Oregon	NELAC	10	WA100007
TestAmerica Seattle	USDA	USDA		P330-11-00222
TestAmerica Seattle	Washington	State Program	10	C553

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TFT #	TOL #	EBD10 #	BFB #
EB-01-08042011	580-27847-1	103	102	97	100	97
MW-04-08042011	580-27847-2	103	104	100	101	93
TB-01-08042011	580-27847-3	103	104	98	99	94
MW-02-08052011	580-27847-4	103	100	99	98	92
MW-01-08052011	580-27847-5	104	100	99	100	94
MW-03-08052011	580-27847-6	106	98	98	98	93
DUP-01-08052011	580-27847-7	102	99	98	98	93
	MB 580-92970/4	103	106	101	99	95
	LCS 580-92970/5	105	102	98	98	95
	LCSD 580-92970/6	103	101	100	100	97

	QC LIMITS
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3016682.D

Lab ID: LCS 580-92970/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.1	22.6	113	70-130	
Benzene	20.1	22.9	114	80-120	
Trichloroethene	20.1	20.8	104	70-125	
Toluene	20.1	21.6	108	75-120	
Chlorobenzene	20.1	20.9	104	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3016683.D

Lab ID: LCSD 580-92970/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	20.1	22.7	113	0	30	70-130	
Benzene	20.1	22.3	111	3	30	80-120	
Trichloroethene	20.1	20.6	103	1	30	70-125	
Toluene	20.1	21.8	109	1	30	75-120	
Chlorobenzene	20.1	21.2	106	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab File ID: G3016681.D Lab Sample ID: MB 580-92970/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: TAC001 Date Analyzed: 08/16/2011 15:31

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-92970/5	G3016682.D	08/16/2011 15:58
	LCSD 580-92970/6	G3016683.D	08/16/2011 16:24
TB-01-08042011	580-27847-3	G3016688.D	08/16/2011 18:37
EB-01-08042011	580-27847-1	G3016694.D	08/16/2011 21:15
MW-04-08042011	580-27847-2	G3016695.D	08/16/2011 21:42
MW-02-08052011	580-27847-4	G3016696.D	08/16/2011 22:08
MW-01-08052011	580-27847-5	G3016697.D	08/16/2011 22:35
MW-03-08052011	580-27847-6	G3016698.D	08/16/2011 23:01
DUP-01-08052011	580-27847-7	G3016699.D	08/16/2011 23:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab File ID: G3016474.D BFB Injection Date: 08/02/2011

Instrument ID: TAC001 BFB Injection Time: 07:31

Analysis Batch No.: 91758

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.7	
75	30.0 - 60.0 % of mass 95	42.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	99.8	
175	5.0 - 9.0 % of mass 174	7.6	(7.6)1
176	95.0 - 101.0 % of mass 174	98.7	(98.9)1
177	5.0 - 9.0 % of mass 176	7.6	(7.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 580-91758/3	G3016476.D	08/02/2011	08:22
	STD2 580-91758/4	G3016477.D	08/02/2011	08:46
	STD5 580-91758/5	G3016478.D	08/02/2011	09:11
	STD10 580-91758/6	G3016479.D	08/02/2011	09:35
	STD20 580-91758/7	G3016480.D	08/02/2011	10:00
	STD50IS 580-91758/8	G3016481.D	08/02/2011	10:25
	STD100 580-91758/9	G3016482.D	08/02/2011	10:49
	STD150 580-91758/10	G3016483.D	08/02/2011	11:14
	STD200 580-91758/11	G3016484.D	08/02/2011	11:38
	ICV 580-91758/14	G3016487.D	08/02/2011	12:54
	ICV 580-91758/15	G3016488.D	08/02/2011	13:18
	ICV 580-91758/16	G3016489.D	08/02/2011	13:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab File ID: G3016678.D BFB Injection Date: 08/16/2011

Instrument ID: TAC001 BFB Injection Time: 14:11

Analysis Batch No.: 92970

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.3	
75	30.0 - 60.0 % of mass 95	43.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	96.9	
175	5.0 - 9.0 % of mass 174	7.2	(7.5)1
176	95.0 - 101.0 % of mass 174	97.4	(100.5)1
177	5.0 - 9.0 % of mass 176	6.6	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-92970/2	G3016679.D	08/16/2011	14:38
	MB 580-92970/4	G3016681.D	08/16/2011	15:31
	LCS 580-92970/5	G3016682.D	08/16/2011	15:58
	LCSD 580-92970/6	G3016683.D	08/16/2011	16:24
TB-01-08042011	580-27847-3	G3016688.D	08/16/2011	18:37
EB-01-08042011	580-27847-1	G3016694.D	08/16/2011	21:15
MW-04-08042011	580-27847-2	G3016695.D	08/16/2011	21:42
MW-02-08052011	580-27847-4	G3016696.D	08/16/2011	22:08
MW-01-08052011	580-27847-5	G3016697.D	08/16/2011	22:35
MW-03-08052011	580-27847-6	G3016698.D	08/16/2011	23:01
DUP-01-08052011	580-27847-7	G3016699.D	08/16/2011	23:28

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Sample No.: STD50IS 580-91758/8 Date Analyzed: 08/02/2011 10:25

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3016481.D Heated Purge: (Y/N) N

Calibration ID: 8638

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		667075	2.32	791202	2.62	202520	4.76
UPPER LIMIT		1334150	2.82	1582404	3.12	405040	5.26
LOWER LIMIT		333538	1.82	395601	2.12	101260	4.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-91758/14		691414	2.32	830179	2.62	212562	4.76
ICV 580-91758/15		704200	2.32	816175	2.62	216946	4.76
ICV 580-91758/16		683658	2.32	818813	2.62	207258	4.76

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Sample No.: CCVIS 580-92970/2 Date Analyzed: 08/16/2011 14:38

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3016679.D Heated Purge: (Y/N) N

Calibration ID: 8638

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		642316	2.32	778971	2.62	202929	4.76
UPPER LIMIT		1284632	2.82	1557942	3.12	405858	5.26
LOWER LIMIT		321158	1.82	389486	2.12	101465	4.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-92970/4		634240	2.32	769236	2.62	192800	4.76
LCS 580-92970/5		621999	2.32	767411	2.62	197924	4.76
LCSD 580-92970/6		623919	2.32	754185	2.62	191153	4.76
580-27847-3	TB-01-08042011	660257	2.32	806024	2.62	198392	4.76
580-27847-1	EB-01-08042011	627867	2.32	762635	2.62	189753	4.76
580-27847-2	MW-04-08042011	08/16/2011	21:42	G3016695.D	2.32	2.61	4.76
580-27847-4	MW-02-08052011	609365	2.32	744272	2.61	187189	4.76
580-27847-5	MW-01-08052011	609171	2.32	744081	2.61	185318	4.76
580-27847-6	MW-03-08052011	606533	2.32	750753	2.62	192846	4.76
580-27847-7	DUP-01-08052011	619938	2.32	744622	2.62	192775	4.76

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: EB-01-08042011 | Lab Sample ID: 580-27847-1

Matrix: Water | Lab File ID: G3016694.D

Analysis Method: 8260B | Date Collected: 08/04/2011 07:53

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 21:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	0.16	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: EB-01-08042011 | Lab Sample ID: 580-27847-1

Matrix: Water | Lab File ID: G3016694.D

Analysis Method: 8260B | Date Collected: 08/04/2011 07:53

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 21:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	97		85-120
25837-05-2	Ethylbenzene-d10	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120
98-08-8	Trifluorotoluene (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: MW-04-08042011 | Lab Sample ID: 580-27847-2

Matrix: Water | Lab File ID: G3016695.D

Analysis Method: 8260B | Date Collected: 08/04/2011 19:46

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 21:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	0.17	J	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: MW-04-08042011 | Lab Sample ID: 580-27847-2

Matrix: Water | Lab File ID: G3016695.D

Analysis Method: 8260B | Date Collected: 08/04/2011 19:46

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 21:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	100		85-120
25837-05-2	Ethylbenzene-d10	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		75-120
98-08-8	Trifluorotoluene (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: TB-01-08042011 | Lab Sample ID: 580-27847-3

Matrix: Water | Lab File ID: G3016688.D

Analysis Method: 8260B | Date Collected: 08/04/2011 17:00

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 18:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	0.22	J B	3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: TB-01-08042011 | Lab Sample ID: 580-27847-3

Matrix: Water | Lab File ID: G3016688.D

Analysis Method: 8260B | Date Collected: 08/04/2011 17:00

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 18:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
25837-05-2	Ethylbenzene-d10	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120
98-08-8	Trifluorotoluene (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: MW-02-08052011 | Lab Sample ID: 580-27847-4

Matrix: Water | Lab File ID: G3016696.D

Analysis Method: 8260B | Date Collected: 08/05/2011 09:38

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 22:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: MW-02-08052011 | Lab Sample ID: 580-27847-4

Matrix: Water | Lab File ID: G3016696.D

Analysis Method: 8260B | Date Collected: 08/05/2011 09:38

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 22:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	99		85-120
25837-05-2	Ethylbenzene-d10	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	92		75-120
98-08-8	Trifluorotoluene (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: MW-01-08052011 | Lab Sample ID: 580-27847-5

Matrix: Water | Lab File ID: G3016697.D

Analysis Method: 8260B | Date Collected: 08/05/2011 12:29

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 22:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: MW-01-08052011 | Lab Sample ID: 580-27847-5

Matrix: Water | Lab File ID: G3016697.D

Analysis Method: 8260B | Date Collected: 08/05/2011 12:29

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 22:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	99		85-120
25837-05-2	Ethylbenzene-d10	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120
98-08-8	Trifluorotoluene (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: MW-03-08052011 | Lab Sample ID: 580-27847-6

Matrix: Water | Lab File ID: G3016698.D

Analysis Method: 8260B | Date Collected: 08/05/2011 15:59

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 23:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	0.25	J	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: MW-03-08052011 | Lab Sample ID: 580-27847-6

Matrix: Water | Lab File ID: G3016698.D

Analysis Method: 8260B | Date Collected: 08/05/2011 15:59

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 23:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
25837-05-2	Ethylbenzene-d10	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		75-120
98-08-8	Trifluorotoluene (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: DUP-01-08052011 | Lab Sample ID: 580-27847-7

Matrix: Water | Lab File ID: G3016699.D

Analysis Method: 8260B | Date Collected: 08/05/2011 00:00

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 23:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	0.19	J	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: DUP-01-08052011 | Lab Sample ID: 580-27847-7

Matrix: Water | Lab File ID: G3016699.D

Analysis Method: 8260B | Date Collected: 08/05/2011 00:00

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 23:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		80-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
25837-05-2	Ethylbenzene-d10	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		75-120
98-08-8	Trifluorotoluene (Surr)	99		80-120

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-91758/3	G3016476.D
Level 2	STD2 580-91758/4	G3016477.D
Level 3	STD5 580-91758/5	G3016478.D
Level 4	STD10 580-91758/6	G3016479.D
Level 5	STD20 580-91758/7	G3016480.D
Level 6	STD50IS 580-91758/8	G3016481.D
Level 7	STD100 580-91758/9	G3016482.D
Level 8	STD150 580-91758/10	G3016483.D
Level 9	STD200 580-91758/11	G3016484.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1843 0.2372	0.1931 0.2195	0.2289 0.2213	0.2075 +++++	0.2201	Ave		0.2138				8.4		15.0			
Chloromethane	0.2102 0.2439	0.2103 0.2230	0.2165 0.2175	0.2061 0.2419	0.2155	Ave		0.2204			0.1000	6.2		15.0			
Vinyl chloride	0.1549 0.1696	0.1559 0.1568	0.1706 0.1586	0.1535 0.1679	0.1553	Ave		0.1602				4.3		15.0			
Bromomethane	+++++ 0.0333	+++++ 0.0230	0.0329 +++++	0.0288 +++++	0.0261	Ave		0.0288				15.0		15.0			
Chloroethane	0.0569 0.0363	0.0457 0.0303	0.0404 0.0293	0.0367 0.0279	0.0378	Lin1	0.0394	0.0296							0.9920		0.9900
Trichlorofluoromethane	0.2607 0.3300	0.2945 0.3094	0.3288 0.3015	0.3203 0.2933	0.3217	Ave		0.3065				7.2		15.0			
Ethyl ether	0.1509 0.1389	0.1439 0.1312	0.1506 0.1255	0.1519 0.1208	0.1443	Ave		0.1397				8.2		15.0			
Acrolein	0.0199 0.0180	0.0203 0.0185	0.0210 0.0186	0.0204 0.0182	0.0188	Ave		0.0193				5.8		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1770 0.1818	0.1733 0.1671	0.1847 0.1623	0.1742 0.1647	0.1701	Ave		0.1727				4.4		15.0			
1,1-Dichloroethene	0.2423 0.2172	0.2243 0.2096	0.2319 0.2047	0.2265 0.1970	0.2191	Ave		0.2190				6.4		15.0			
Acetone	+++++ 0.0239	0.0496 0.0247	0.0389 0.0228	0.0301 +++++	0.0266	Lin1	0.3103	0.0231							0.9980		0.9900
Iodomethane	0.5181 0.4924	0.5209 0.4514	0.5533 0.4310	0.5409 0.3937	0.5114	Ave		0.4900				11.0		15.0			
Carbon disulfide	0.6664 0.6640	0.6508 0.6515	0.6984 0.6476	0.6936 0.6244	0.6752	Ave		0.6630				3.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0380 0.0357	0.0358 0.0357	0.0379 0.0355	0.0376 0.0344	0.0356	Ave		0.0362				3.4		15.0			
Methyl acetate	0.0229 0.0198	0.0192 0.0198	0.0204 0.0195	0.0216 0.0204	0.0200	Ave		0.0204				5.6		15.0			
Methylene Chloride	0.2069 0.1995	0.2051 0.1992	0.2032 0.1992	0.2130 0.1949	0.2025	Ave		0.2024				2.6		15.0			
t-Butyl alcohol	0.0071 0.0068	0.0086 0.0073	0.0086 0.0074	0.0086 0.0067	0.0075	Ave		0.0076				10.0		15.0			
Methyl tert-butyl ether	0.5350 0.4989	0.5130 0.4827	0.5448 0.4831	0.5396 0.4737	0.5141	Ave		0.5091				5.2		15.0			
trans-1,2-Dichloroethene	0.2430 0.2307	0.2368 0.2236	0.2418 0.2199	0.2379 0.2153	0.2300	Ave		0.2308				4.2		15.0			
Acrylonitrile	0.0365 0.0311	0.0320 0.0305	0.0344 0.0302	0.0333 0.0290	0.0309	Lin1	0.0503	0.0299							0.9990		0.9900
Hexane	0.2914 0.2590	0.2552 0.2578	0.2644 0.2588	0.2629 0.2505	0.2578	Ave		0.2618				4.5		15.0			
1,1-Dichloroethane	0.4027 0.3577	0.3786 0.3484	0.3808 0.3493	0.3751 0.3414	0.3593	Ave		0.3656			0.1000	5.4		15.0			
Diisopropyl ether	0.6068 0.6013	0.6559 0.5664	0.6588 0.5511	0.6495 0.5273	0.6131	Ave		0.6029				7.9		15.0			
Vinyl acetate	0.0310 0.0281	0.0326 0.0270	0.0312 0.0263	0.0294 0.0252	0.0283	Ave		0.0288				8.6		15.0			
Ethyl t-butyl ether	0.2501 0.2610	0.2635 0.2572	0.2818 0.2569	0.2771 0.2502	0.2709	Ave		0.2630				4.3		15.0			
2,2-Dichloropropane	0.2941 0.2956	0.3259 0.2737	0.3274 0.2619	0.3095 0.2582	0.2997	Ave		0.2938				8.6		15.0			
cis-1,2-Dichloroethene	0.2582 0.2363	0.2414 0.2307	0.2470 0.2289	0.2431 0.2224	0.2386	Ave		0.2383				4.5		15.0			
2-Butanone	0.0134 0.0114	0.0122 0.0113	0.0119 0.0113	0.0125 0.0110	0.0123	Ave		0.0119				6.5		15.0			
Ethyl acetate	0.0173 0.0128	0.0130 0.0125	0.0149 0.0118	0.0127 0.0124	0.0113	Ave		0.0132				14.0		15.0			
Methacrylonitrile	0.0619 0.0590	0.0646 0.0562	0.0642 0.0532	0.0634 0.0531	0.0621	Ave		0.0597				7.6		15.0			
Chlorobromomethane	0.1838 0.1748	0.1797 0.1678	0.1868 0.1635	0.1920 0.1606	0.1792	Ave		0.1763				6.1		15.0			
Tetrahydrofuran	0.0522 0.0167	0.0341 0.0156	0.0236 0.0151	0.0207 0.0156	0.0180	Lin2	0.1831	0.0158							0.9980		0.9900
Chloroform	0.4723 0.4602	0.4519 0.4477	0.4633 0.4473	0.4828 0.4384	0.4536	Ave		0.4571				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.4046 0.3981	0.3958 0.3845	0.4215 0.3810	0.4045 0.3729	0.4033	Ave		0.3959				3.7		15.0			
Cyclohexane	0.3578 0.3734	0.4881 0.3496	0.4530 0.3367	0.4214 0.3300	0.3875	Ave		0.3883				14.0		15.0			
1,1-Dichloropropene	0.3910 0.3607	0.3727 0.3495	0.3735 0.3467	0.3608 0.3374	0.3646	Ave		0.3616				4.5		15.0			
Carbon tetrachloride	0.3626 0.3607	0.3685 0.3514	0.3690 0.3463	0.3594 0.3381	0.3602	Ave		0.3571				2.9		15.0			
Isobutanol	0.0073 0.0039	0.0037 0.0039	0.0042 0.0039	0.0045 0.0037	0.0039	Lin1	0.0247	0.0038							0.9990		0.9900
Benzene	1.0880 1.0211	1.0632 0.9918	1.0498 0.9658	1.0587 0.9355	1.0274	Ave		1.0216				4.9		15.0			
1,2-Dichloroethane	0.2781 0.2652	0.2731 0.2576	0.2594 0.2562	0.2723 0.2563	0.2676	Ave		0.2649				3.1		15.0			
Tert-amyl methyl ether	0.6558 0.6425	0.6659 0.6088	0.7060 0.6014	0.6876 0.5917	0.6643	Ave		0.6466				6.1		15.0			
n-Butyl alcohol	0.0044 0.0020	0.0025 0.0021	0.0020 0.0020	0.0025 0.0023	0.0021	Lin1	0.0153	0.0021							0.9960		0.9900
Trichloroethene	0.2696 0.2535	0.2616 0.2494	0.2759 0.2394	0.2592 0.2361	0.2615	Ave		0.2563				5.1		15.0			
Methylcyclohexane	0.3879 0.3434	0.3607 0.3250	0.3759 0.3124	0.3723 0.3021	0.3536	Ave		0.3483				8.5		15.0			
1,2-Dichloropropane	0.2198 0.1904	0.2043 0.1831	0.1981 0.1709	0.2066 0.1667	0.1994	Ave		0.1933				8.9		15.0			
Dibromomethane	0.1277 0.1296	0.1281 0.1294	0.1333 0.1246	0.1406 0.1288	0.1287	Ave		0.1301				3.5		15.0			
Dichlorobromomethane	0.2391 0.2477	0.2361 0.2475	0.2443 0.2371	0.2476 0.2368	0.2469	Ave		0.2426				2.1		15.0			
2-Chloroethyl vinyl ether	0.0916 0.0717	0.0864 0.0660	0.0854 0.0594	0.0825 0.0570	0.0787	Lin1	0.3376	0.0613							0.9900		0.9900
cis-1,3-Dichloropropene	0.2998 0.2977	0.2813 0.2910	0.2971 0.2750	0.2965 0.2751	0.3004	Ave		0.2905				3.6		15.0			
4-Methyl-2-pentanone	0.0390 0.0401	0.0433 0.0407	0.0453 0.0380	0.0455 0.0387	0.0431	Ave		0.0415				6.9		15.0			
Toluene	0.9006 0.8311	0.8479 0.7928	0.8623 0.7386	0.8578 0.7163	0.8533	Ave		0.8226				7.4		15.0			
trans-1,3-Dichloropropene	0.2177 0.2232	0.2044 0.2184	0.2211 0.2065	0.2287 0.2105	0.2234	Ave		0.2172				3.8		15.0			
1,1,2-Trichloroethane	0.1429 0.1266	0.1282 0.1221	0.1305 0.1141	0.1293 0.1151	0.1291	Ave		0.1265				6.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Tetrachloroethene	0.2402 0.2109	0.2127 0.2056	0.2342 0.1948	0.2231 0.1906	0.2196	Ave		0.2147				7.7		15.0			
1,3-Dichloropropane	0.2220 0.2121	0.2172 0.2001	0.2255 0.1893	0.2179 0.1857	0.2067	Ave		0.2086				6.8		15.0			
2-Hexanone	0.0382 0.0371	0.0403 0.0361	0.0406 0.0348	0.0408 0.0359	0.0396	Ave		0.0382				6.0		15.0			
Chlorodibromomethane	0.1538 0.1611	0.1421 0.1595	0.1535 0.1539	0.1523 0.1610	0.1546	Ave		0.1547				3.8		15.0			
Ethylene Dibromide	0.1295 0.1235	0.1423 0.1194	0.1300 0.1115	0.1285 0.1129	0.1310	Ave		0.1255				7.7		15.0			
Chlorobenzene	2.1148 2.0051	2.0167 1.9591	1.9926 1.9276	2.0480 1.7490	2.0306	Ave		1.9826			0.3000	5.2		15.0			
Ethylbenzene	3.3562 3.1198	3.2137 3.0005	3.1870 2.8595	3.2725 2.5436	3.2517	Ave		3.0894				8.2		15.0			
1,1,1,2-Tetrachloroethane	0.7290 0.6737	0.6802 0.6482	0.6643 0.6301	0.6946 0.6060	0.6821	Ave		0.6676				5.4		15.0			
m-Xylene & p-Xylene	2.5705 2.3667	2.4260 2.2200	2.4465 2.1106	2.5380 1.8051	2.4772	Ave		2.3290				11.0		15.0			
o-Xylene	2.4720 2.2815	2.3468 2.1493	2.3772 2.0328	2.4137 1.9255	2.3802	Ave		2.2643				8.3		15.0			
Styrene	1.8884 1.8653	1.8418 1.7570	1.8840 1.6768	1.9383 1.6577	1.9283	Ave		1.8264				5.7		15.0			
Bromoform	0.2734 0.3136	0.2685 0.3318	0.2546 0.3465	0.2703 0.3554	0.2957	Ave		0.3011			0.1000	12.0		15.0			
Isopropylbenzene	2.8029 2.8013	2.8273 2.5818	2.8138 2.4512	2.8899 2.2357	2.8255	Ave		2.6921				8.2		15.0			
cis-1,4-Dichloro-2-butene	0.1088 0.1524	0.1274 0.1518	0.1264 0.1520	0.1417 0.1507	0.1461	Ave		0.1397				11.0		15.0			
1,1,2,2-Tetrachloroethane	0.4369 0.4000	0.4203 0.3863	0.4067 0.3792	0.4005 0.3855	0.4154	Ave		0.4034			0.3000	4.6		15.0			
Bromobenzene	0.8179 0.7922	0.7900 0.7636	0.7939 0.7655	0.8012 0.7016	0.8096	Ave		0.7817				4.5		15.0			
trans-1,4-Dichloro-2-butene	0.0845 0.1013	0.0965 0.0950	0.0929 0.0946	0.1004 0.0943	0.1001	Ave		0.0955				5.4		15.0			
1,2,3-Trichloropropane	0.1499 0.1160	0.1390 0.1110	0.1142 0.1076	0.1214 0.1084	0.1216	Ave		0.1210				12.0		15.0			
N-Propylbenzene	3.3035 3.2093	3.2675 2.9791	3.3300 2.7840	3.3749 2.5594	3.3860	Ave		3.1326				9.4		15.0			
2-Chlorotoluene	0.6812 0.7147	0.7601 0.6788	0.7327 0.6596	0.7374 0.6269	0.7383	Ave		0.7033				6.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3,5-Trimethylbenzene	2.2732 2.1351	2.0881 1.9941	2.1806 1.9387	2.1871 1.8933	2.1884	Ave		2.0976				6.2		15.0			
4-Chlorotoluene	0.7352 0.7554	0.7450 0.6418	0.7329 0.7305	0.7533 0.5683	0.7196	Ave		0.7091				8.9		15.0			
tert-Butylbenzene	1.7995 1.9857	1.9383 1.7988	1.9631 1.7262	1.9844 1.6585	2.1267	Ave		1.8868				7.9		15.0			
1,2,4-Trimethylbenzene	2.1161 2.0638	2.0357 1.9387	2.0797 1.8839	2.1142 1.8675	2.1471	Ave		2.0274				5.2		15.0			
sec-Butylbenzene	2.7161 2.5795	2.6533 2.4118	2.7244 2.3551	2.6999 2.3700	2.6925	Ave		2.5781				6.1		15.0			
4-Isopropyltoluene	2.3089 2.1882	2.2263 2.0652	2.3182 2.0278	2.2545 2.0556	2.2930	Ave		2.1931				5.3		15.0			
1,3-Dichlorobenzene	1.2695 1.3069	1.3207 1.2862	1.3460 1.2689	1.3146 1.2738	1.3351	Ave		1.3024				2.2		15.0			
1,4-Dichlorobenzene	1.3232 1.3751	1.3530 1.3231	1.3616 1.3436	1.3524 1.3544	1.3574	Ave		1.3493				1.3		15.0			
2-Ethyl-1-Hexanol	0.0175 0.0203	0.0174 0.0277	0.0200 0.0346	0.0195 0.0367	0.0205	Qua2	-0.019	0.0182	0						0.9970		0.9900
n-Butylbenzene	0.5455 0.5362	0.5152 0.5198	0.5609 0.5102	0.5560 0.5348	0.5543	Ave		0.5370				3.5		15.0			
1,2-Dichlorobenzene	1.0833 1.1401	1.1102 1.1264	1.1146 1.1409	1.1226 1.1617	1.1268	Ave		1.1252				2.0		15.0			
Hexachloroethane	0.3258 0.3281	0.2902 0.3338	0.2882 0.3416	0.2852 0.3626	0.3066	Ave		0.3180				8.5		15.0			
1,2-Dibromo-3-Chloropropane	0.0818 0.0859	0.0788 0.0897	0.0740 0.0916	0.0756 0.0967	0.0804	Ave		0.0838				9.1		15.0			
1,3,5-Trichlorobenzene	0.9129 0.9318	0.9109 0.9207	0.9329 0.9457	0.9165 1.0045	0.9474	Ave		0.9359				3.1		15.0			
1,2,4-Trichlorobenzene	0.7962 0.8017	0.7705 0.8031	0.7822 0.8232	0.7822 0.8824	0.8091	Ave		0.8056				4.1		15.0			
Hexachlorobutadiene	0.3915 0.3349	0.3353 0.3576	0.3593 0.3850	0.3446 0.4177	0.3459	Ave		0.3635				7.9		15.0			
Naphthalene	1.2141 1.2297	1.1808 1.2535	1.1724 1.2740	1.1833 1.3350	1.2124	Ave		1.2284				4.3		15.0			
1,2,3-Trichlorobenzene	0.6271 0.6316	0.6123 0.6442	0.6250 0.6675	0.6152 0.7085	0.6256	Ave		0.6397				4.8		15.0			
Fluorobenzene (Surr)	1.3044 1.3326	1.3364 1.3440	1.3521 1.3764	1.3322 1.3705	1.3386	Ave		1.3420				1.6		15.0			
Trifluorotoluene (Surr)	0.5252 0.4705	0.4811 0.4512	0.5070 0.4411	0.4955 0.4229	0.4841	Ave		0.4756				6.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	0.9869 0.9585	0.9836 0.9530	0.9899 0.9197	0.9988 0.9022	0.9787	Ave		0.9638				3.5		15.0			
Ethylbenzene-d10	0.3424 0.3178	0.3333 0.3001	0.3369 0.2754	0.3401 0.2644	0.3271	Ave		0.3154				9.2		15.0			
4-Bromofluorobenzene (Surr)	1.0326 1.0224	1.0616 1.0754	1.0229 1.0115	1.0677 1.0582	1.0641	Ave		1.0463				2.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-91758/3	G3016476.D
Level 2	STD2 580-91758/4	G3016477.D
Level 3	STD5 580-91758/5	G3016478.D
Level 4	STD10 580-91758/6	G3016479.D
Level 5	STD20 580-91758/7	G3016480.D
Level 6	STD50IS 580-91758/8	G3016481.D
Level 7	STD100 580-91758/9	G3016482.D
Level 8	STD150 580-91758/10	G3016483.D
Level 9	STD200 580-91758/11	G3016484.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	PFB	Ave	4984 316317	10423 608411	30196 904550	58027 +++++	121571	0.999 50.0	2.00 99.9	5.00 150	9.99 +++++	20.0
Chloromethane	PFB	Ave	5691 325583	11369 618696	28604 889983	57684 1243496	119137	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl chloride	PFB	Ave	4193 226367	8422 434800	22528 648568	42955 863048	85849	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Bromomethane	PFB	Ave	+++++ 44485	+++++ 63682	4345 +++++	8053 +++++	14416	+++++ 50.0	+++++ 100	5.00 +++++	10.0 +++++	20.0
Chloroethane	PFB	Lin1	1540 48357	2467 83943	5327 119911	10255 143098	20879	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Trichlorofluoromethane	PFB	Ave	7055 440281	15910 857822	43410 1232901	89605 1507045	177772	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Ethyl ether	PFB	Ave	20440 927563	38911 1821365	99482 2569835	212690 3107201	399041	5.01 250	10.0 501	25.0 751	50.1 1001	100
Acrolein	PFB	Ave	2719 120836	5528 258143	13995 384097	28809 470519	52422	5.04 252	10.1 504	25.2 756	50.4 1008	101
1,1,2-Trichloro-1,2,2-trifluoroetha ne	PFB	Ave	4779 241892	9341 462203	24317 662026	48612 844308	93755	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
1,1-Dichloroethene	PFB	Ave	6550 289459	12104 580700	30579 836272	63310 1011472	120939	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Acetone	PFB	Lin1	+++++ 159489	13389 342892	25652 465483	42105 +++++	73592	+++++ 250	10.0 500	25.0 750	50.0 +++++	100
Iodomethane	PFB	Ave	70461 3301250	141414 6290321	367082 8858901	760369 10165263	1419963	5.03 251	10.1 503	25.1 754	50.3 1005	101
Carbon disulfide	PFB	Ave	18060 887204	35209 1809488	92340 2652708	194342 3213235	373650	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Acetonitrile	PFB	Ave	10265 475597	19320 989210	49947 1450464	105013 1767290	196782	10.00 500	20.0 1000	50.0 1499	100.0 1999	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methyl acetate	PFB	Ave	3107 132677	5204 276040	13528 401165	30346 525770	55540	5.02 251	10.0 502	25.1 753	50.2 1004	100
Methylene Chloride	PFB	Ave	5584 265527	11053 550908	26763 812878	59426 998849	111598	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
t-Butyl alcohol	PFB	Ave	959 45556	2311 101643	5708 151209	12064 172653	20847	5.00 250	10.0 500	25.0 750	50.0 1000	100
Methyl tert-butyl ether	PFB	Ave	14479 665616	27711 1338525	71930 1975914	150968 2433986	284078	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
trans-1,2-Dichloroethene	PFB	Ave	6577 307827	12793 620137	31920 899449	66541 1106135	127068	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Acrylonitrile	PFB	Lin1	4944 207662	8659 422967	22727 618610	46589 746779	85576	5.01 250	10.0 501	25.0 751	50.1 1001	100
Hexane	PFB	Ave	7905 346432	13822 716652	34997 1060947	73719 1290526	142812	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
1,1-Dichloroethane	PFB	Ave	10893 476946	20443 965653	50243 1427860	104881 1753419	198418	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Diisopropyl ether	PFB	Ave	16421 802175	35434 1570815	86976 2254079	181700 2709246	338784	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl acetate	PFB	Ave	4225 188599	8864 376424	20731 540885	41410 651308	78731	5.03 252	10.1 503	25.2 755	50.3 1007	101
Ethyl t-butyl ether	PFB	Ave	6767 348231	14235 713332	37204 1050589	77510 1285621	149692	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2,2-Dichloropropane	PFB	Ave	7958 394351	17604 758971	43228 1071333	86585 1326709	165609	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,2-Dichloroethene	PFB	Ave	7000 315886	13065 640960	32674 938080	68140 1145242	132110	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Butanone	PFB	Ave	1817 76195	3304 156151	7880 230522	17445 281619	33920	5.00 250	10.0 500	25.0 750	50.0 1000	100
Ethyl acetate	PFB	Ave	2330 85289	3493 173399	9828 241563	17661 317372	31088	4.99 249	9.97 499	24.9 748	49.9 997	99.7
Methacrylonitrile	PFB	Ave	8479 398617	17687 790020	42906 1102901	89858 1381778	173894	5.07 253	10.1 507	25.3 760	50.7 1013	101
Chlorobromomethane	PFB	Ave	4982 233545	9723 466121	24693 669817	53795 826532	99179	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrahydrofuran	PFB	Lin2	7073 111517	9217 216682	15617 308634	28954 401674	49730	5.01 250	10.0 501	25.0 751	50.1 1001	100
Chloroform	PFB	Ave	12794 614549	24435 1242826	61222 1831192	135204 2254773	250873	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,1,1-Trichloroethane	PFB	Ave	10944 530895	21371 1065812	55621 1557400	113119 1915035	222730	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Cyclohexane	PFB	Ave	9683 498106	26368 969624	59804 1377081	117887 1695843	214146	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1-Dichloropropene	PFB	Ave	10480 476696	19943 959935	48842 1404532	99972 1717004	199550	0.991 49.5	1.98 99.1	4.95 149	9.91 198	19.8
Carbon tetrachloride	PFB	Ave	9827 481992	19935 975835	48785 1418310	100692 1739689	199331	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Isobutanol	PFB	Lin1	1960 51686	1996 109375	5554 158658	12694 191971	21768	9.99 499	20.0 999	49.9 1498	99.9 1997	200
Benzene	PFB	Ave	29415 1360959	57381 2747585	138463 3946030	295872 4802110	567129	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,2-Dichloroethane	PFB	Ave	7522 353627	14744 714091	34223 1047160	76132 1316137	147793	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Tert-amyl methyl ether	PFB	Ave	17746 857236	35973 1688325	93203 2459623	192353 3040570	367091	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
n-Butyl alcohol	DFB	Lin1	1370 31716	1591 68879	3105 100054	7971 139804	13548	10.0 501	20.0 1001	50.1 1502	100 2002	200
Trichloroethene	DFB	Ave	8379 401212	16449 815831	42084 1181187	83429 1459440	167527	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Methylcyclohexane	DFB	Ave	12049 543170	22670 1062666	57311 1540576	119781 1866411	226408	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2-Dichloropropane	DFB	Ave	6982 307974	13130 611964	30878 861753	67954 1053052	130547	1.02 51.1	2.04 102	5.11 153	10.2 204	20.4
Dibromomethane	DFB	Ave	3994 206388	8105 425786	20455 618509	45529 800548	82979	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1
Dichlorobromomethane	DFB	Ave	7438 392351	14861 810240	37307 1170957	79776 1465102	158325	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Chloroethyl vinyl ether	DFB	Lin1	14318 570482	27339 1086026	65555 1473481	133570 1773733	253537	5.03 252	10.1 503	25.2 755	50.3 1006	101
cis-1,3-Dichloropropene	DFB	Ave	9244 467346	17545 944360	44961 1345958	94684 1686828	190897	0.992 49.6	1.98 99.2	4.96 149	9.92 198	19.8
4-Methyl-2-pentanone	DFB	Ave	6056 317001	13612 665007	34563 938342	73228 1194645	138061	5.00 250	10.0 500	25.0 750	50.0 1000	100
Toluene	DFB	Ave	27978 1314449	53288 2591899	131470 3642751	276002 4425183	546428	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
trans-1,3-Dichloropropene	DFB	Ave	6903 360290	13106 728798	34393 1039410	75076 1326994	146015	1.02 51.0	2.04 102	5.10 153	10.2 204	20.4
1,1,2-Trichloroethane	DFB	Ave	4450 200671	8079 400060	19941 564220	41704 712572	82906	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrachloroethene	DFB	Ave	7478 334167	13394 673621	35770 962844	71927 1180075	140900	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,3-Dichloropropane	DFB	Ave	6894 335284	13645 653994	34355 933131	70087 1146367	132301	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Hexanone	DFB	Ave	5936 293558	12671 589722	30932 858158	65683 1108561	127003	5.00 250	10.0 500	25.0 750	50.0 1000	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorodibromomethane	DFB	Ave	4743 253007	8869 517786	23237 753707	48661 987496	98290	0.993 49.6	1.99 99.3	4.96 149	9.93 199	19.9
Ethylene Dibromide	DFB	Ave	4036 196047	8973 391886	19886 552036	41496 699844	84192	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
Chlorobenzene	DCB	Ave	18038 810528	33822 1542150	84213 2178446	172503 2654342	332479	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
Ethylbenzene	DCB	Ave	28670 1263018	53978 2365416	134896 3236438	276054 3865906	533210	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,1,1,2-Tetrachloroethane	DCB	Ave	6249 273678	11465 512828	28218 715666	58797 924220	112247	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
m-Xylene & p-Xylene	DCB	Ave	43993 1919610	81638 3506320	207467 4785993	428929 5496822	813837	2.00 100	4.01 200	10.0 300	20.0 401	40.1
o-Xylene	DCB	Ave	21148 925037	39477 1696885	100771 2304184	203916 2930985	390884	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Styrene	DCB	Ave	16204 758560	31074 1391340	80104 1906416	164239 2530827	317625	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
Bromoform	DCB	Ave	2372 128917	4579 265654	10944 398287	23155 548574	49246	1.02 50.8	2.03 102	5.08 152	10.2 203	20.3
Isopropylbenzene	DCB	Ave	23967 1135210	47535 2037375	119216 2777128	244020 3401383	463783	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,4-Dichloro-2-butene	DCB	Ave	4654 309045	10714 599254	26798 861243	59845 1147055	119976	5.01 250	10.0 501	25.0 751	50.1 1001	100
1,1,2,2-Tetrachloroethane	DCB	Ave	3743 162441	7080 305457	17268 430441	33882 587716	68329	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
Bromobenzene	DCB	Ave	7039 323118	13368 606485	33855 872899	68096 1074310	133748	1.01 50.4	2.01 101	5.04 151	10.1 201	20.1
trans-1,4-Dichloro-2-butene	DCB	Ave	3609 205117	8107 374579	19663 535881	42368 717034	82119	5.00 250	10.0 500	25.0 750	50.0 1000	100
1,2,3-Trichloropropane	DCB	Ave	1295 47470	2361 88435	4886 123139	10352 166569	20158	1.01 50.5	2.02 101	5.05 152	10.1 202	20.2
N-Propylbenzene	DCB	Ave	28234 1299906	54908 2349734	141019 3152523	284835 3891965	555515	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2-Chlorotoluene	DCB	Ave	5848 290765	12831 537793	31166 750238	62514 957645	121667	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
1,3,5-Trimethylbenzene	DCB	Ave	19448 865667	35124 1574353	92435 2197574	184770 2881951	359392	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Chlorotoluene	DCB	Ave	6299 306744	12551 507468	31116 829245	63735 866342	118360	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
tert-Butylbenzene	DCB	Ave	15372 803898	32556 1418027	83091 1953777	167394 2520745	348741	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2,4-Trimethylbenzene	DCB	Ave	18185 840513	34397 1537540	88556 2144990	179412 2855455	354192	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
sec-Butylbenzene	DCB	Ave	23248 1046356	44655 1905142	115546 2670873	228205 3609344	442403	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Isopropyltoluene	DCB	Ave	19714 885425	37375 1627252	98072 2293945	190086 3122696	375812	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,3-Dichlorobenzene	DCB	Ave	10855 529608	22205 1014965	57030 1437560	111006 1937983	219155	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,4-Dichlorobenzene	DCB	Ave	11298 556429	22713 1042493	57604 1519971	114023 2057561	222482	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Ethyl-1-Hexanol	DCB	Qua2	3737 205760	7317 545010	21167 980185	41119 1393271	84024	25.0 1250	50.0 2499	125 3749	250 4998	500
n-Butylbenzene	DCB	Ave	4662 217191	8657 409994	23754 577711	46923 813248	90942	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2-Dichlorobenzene	DCB	Ave	9263 462021	18665 888870	47223 1292541	94788 1767353	184962	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Hexachloroethane	DCB	Ave	2793 133276	4892 264065	12241 387991	24145 553092	50458	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,2-Dibromo-3-Chloropropane	DCB	Ave	701 34883	1329 70978	3144 104038	6396 147503	13234	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,3,5-Trichlorobenzene	DCB	Ave	7802 377406	15308 726210	39508 1070915	77353 1527508	155434	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,4-Trichlorobenzene	DCB	Ave	6757 322451	12857 628959	32892 925655	65550 1332469	131806	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Hexachlorobutadiene	DCB	Ave	3346 135633	5634 282063	15217 435985	29082 635140	56743	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Naphthalene	DCB	Ave	10392 498819	19872 990144	49724 1444822	100021 2033042	199210	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,2,3-Trichlorobenzene	DCB	Ave	5322 254022	10218 504571	26281 750594	51558 1069785	101924	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Fluorobenzene (Surr)	PFB	Ave	176567 177860	180561 186428	178582 187718	186428 176123	184994	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Trifluorotoluene (Surr)	DFB	Ave	16317 744255	30235 1475181	77304 2175916	159428 2612483	310029	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Toluene-d8 (Surr)	DFB	Ave	153603 151898	154834 156097	151208 151491	160987 139610	156982	5.01 5.01	5.01 5.01	5.01 5.01	5.01 5.01	5.01
Ethylbenzene-d10	DFB	Ave	53230 50298	52407 49089	51406 45311	54747 40858	52407	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
4-Bromofluorobenzene (Surr)	DCB	Ave	44222 41501	44694 42502	43412 38261	45151 40313	43737	5.01 5.01	5.01 5.01	5.01 5.01	5.01 5.01	5.01

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27847-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICV 580-91758/14 Calibration Date: 08/02/2011 12:54

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016487.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2138	0.1560		36.5	50.0	-27.0*	25.0
Chloromethane	Ave	0.2204	0.1782	0.1000	40.4	50.0	-19.1	25.0
Vinyl chloride	Ave	0.1602	0.1395		43.5	50.0	-12.9	25.0
Bromomethane	Ave	0.0288	0.0213		37.0	50.0	-26.1*	25.0
Chloroethane	Lin1		0.0322		53.1	50.0	6.2	25.0
Trichlorofluoromethane	Ave	0.3065	0.2693		43.9	50.0	-12.1	25.0
Ethyl ether	Ave	0.1397	0.1522		271	249	9.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1727	0.1783		51.3	49.7	3.2	40.0
1,1-Dichloroethene	Ave	0.2190	0.2232		50.4	49.5	1.9	25.0
Acetone	Lin1		0.0234		88.0	100	-12.0	25.0
Iodomethane	Ave	0.4900	0.5496		110	98.5	12.2	40.0
Carbon disulfide	Ave	0.6630	0.5938		89.6	100	-10.4	25.0
Acetonitrile	Ave	0.0362	0.0369		509	500	1.9	40.0
Methyl acetate	Ave	0.0204	0.0207		256	252	1.6	40.0
Methylene Chloride	Ave	0.2024	0.2087		51.6	50.0	3.1	25.0
t-Butyl alcohol	Ave	0.0076	0.0066		217	250	-13.1	40.0
Methyl tert-butyl ether	Ave	0.5091	0.4670		45.9	50.0	-8.3	25.0
trans-1,2-Dichloroethene	Ave	0.2308	0.2360		51.2	50.1	2.3	25.0
Hexane	Ave	0.2618	0.3082		59.0	50.1	17.7	40.0
1,1-Dichloroethane	Ave	0.3656	0.3758	0.1000	50.9	49.5	2.8	25.0
Diisopropyl ether	Ave	0.6029	0.5724		47.5	50.0	-5.1	40.0
Vinyl acetate	Ave	0.0288	0.0211		73.3	100	-26.7	40.0
Ethyl t-butyl ether	Ave	0.2630	0.2566		48.8	50.0	-2.4	40.0
2,2-Dichloropropane	Ave	0.2938	0.2870		48.9	50.1	-2.3	25.0
cis-1,2-Dichloroethene	Ave	0.2383	0.2489		52.2	50.0	4.4	25.0
2-Butanone	Ave	0.0119	0.0117		98.2	100	-1.8	25.0
Ethyl acetate	Ave	0.0132	0.0115		43.6	50.0	-12.8	40.0
Chlorobromomethane	Ave	0.1763	0.1797		50.5	49.6	1.9	25.0
Methacrylonitrile	Ave	0.0597	0.0562		471	500	-5.9	40.0
Chloroform	Ave	0.4571	0.4763		52.1	50.0	4.2	25.0
1,1,1-Trichloroethane	Ave	0.3959	0.4160		52.6	50.0	5.1	25.0
Cyclohexane	Ave	0.3883	0.4856		62.3	49.9	25.0	40.0
1,1-Dichloropropene	Ave	0.3616	0.3820		52.6	49.8	5.6	25.0
Carbon tetrachloride	Ave	0.3571	0.3721		52.2	50.1	4.2	25.0
Isobutanol	Lin1		0.0038		988	998	-1.0	40.0
Benzene	Ave	1.022	1.079		52.6	49.8	5.6	25.0
1,2-Dichloroethane	Ave	0.2649	0.2866		53.6	49.6	8.2	25.0
Tert-amyl methyl ether	Ave	0.6466	0.6234		48.2	50.0	-3.6	40.0
n-Butyl alcohol	Lin1		0.0022		44.7	49.9	-10.3	40.0
Trichloroethene	Ave	0.2563	0.2739		53.5	50.0	6.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICV 580-91758/14 Calibration Date: 08/02/2011 12:54

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016487.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3483	0.4477		64.3	50.1	28.6	40.0
1,2-Dichloropropane	Ave	0.1933	0.1965		50.8	50.0	1.6	25.0
Dibromomethane	Ave	0.1301	0.1342		50.8	49.3	3.1	25.0
Dichlorobromomethane	Ave	0.2426	0.2491		50.7	49.4	2.7	25.0
2-Chloroethyl vinyl ether	Lin1		0.0575		87.8	99.6	-11.8	40.0
cis-1,3-Dichloropropene	Ave	0.2905	0.2829		51.1	52.5	-2.6	25.0
4-Methyl-2-pentanone	Ave	0.0415	0.0396		94.9	99.5	-4.6	25.0
Toluene	Ave	0.8226	0.8563		52.1	50.0	4.1	25.0
trans-1,3-Dichloropropene	Ave	0.2172	0.2304		50.4	47.5	6.1	25.0
1,1,2-Trichloroethane	Ave	0.1265	0.1310		51.1	49.4	3.6	25.0
Tetrachloroethene	Ave	0.2147	0.2208		51.5	50.1	2.8	25.0
1,3-Dichloropropane	Ave	0.2086	0.2164		51.8	50.0	3.7	25.0
2-Hexanone	Ave	0.0382	0.0353		90.8	98.1	-7.4	25.0
Chlorodibromomethane	Ave	0.1547	0.1558		49.9	49.6	0.7	25.0
Ethylene Dibromide	Ave	0.1255	0.1275		50.8	50.0	1.6	25.0
Chlorobenzene	Ave	1.983	2.058	0.3000	51.9	50.0	3.8	25.0
1,1,1,2-Tetrachloroethane	Ave	0.6676	0.7158		52.9	49.3	7.2	25.0
Ethylbenzene	Ave	3.089	3.246		52.1	49.6	5.1	25.0
m-Xylene & p-Xylene	Ave	2.329	2.426		104	100	4.1	25.0
o-Xylene	Ave	2.264	2.363		52.2	50.0	4.4	25.0
Styrene	Ave	1.826	1.967		53.7	49.9	7.7	25.0
Bromoform	Ave	0.3011	0.3033	0.1000	50.2	49.8	0.7	25.0
Isopropylbenzene	Ave	2.692	2.613		48.5	50.0	-2.9	25.0
cis-1,4-Dichloro-2-butene	Ave	0.1397	0.1305		46.0	49.3	-6.6	40.0
1,1,2,2-Tetrachloroethane	Ave	0.4034	0.4043	0.3000	50.1	50.0	0.2	25.0
Bromobenzene	Ave	0.7817	0.8219		52.3	49.8	5.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.0955	0.1046		54.8	50.0	9.5	40.0
1,2,3-Trichloropropane	Ave	0.1210	0.1235		50.3	49.3	2.0	25.0
N-Propylbenzene	Ave	3.133	3.176		50.7	50.0	1.4	25.0
2-Chlorotoluene	Ave	0.7033	0.7463		52.5	49.5	6.1	25.0
1,3,5-Trimethylbenzene	Ave	2.098	2.253		53.7	50.0	7.4	25.0
4-Chlorotoluene	Ave	0.7091	0.7243		50.3	49.3	2.1	25.0
tert-Butylbenzene	Ave	1.887	2.060		54.4	49.8	9.2	25.0
1,2,4-Trimethylbenzene	Ave	2.027	2.162		53.4	50.1	6.7	25.0
sec-Butylbenzene	Ave	2.578	2.689		52.2	50.0	4.3	25.0
4-Isopropyltoluene	Ave	2.193	2.214		50.2	49.7	1.0	25.0
1,3-Dichlorobenzene	Ave	1.302	1.324		50.7	49.9	1.7	25.0
1,4-Dichlorobenzene	Ave	1.349	1.370		50.7	50.0	1.5	25.0
2-Ethyl-1-Hexanol	Qua2		0.0188		576	625	-7.8	40.0
n-Butylbenzene	Ave	0.5370	0.5623		51.8	49.5	4.7	25.0
1,2-Dichlorobenzene	Ave	1.125	1.179		51.4	49.1	4.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICV 580-91758/14 Calibration Date: 08/02/2011 12:54

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016487.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachloroethane	Ave	0.3180	0.2907		45.6	50.0	-8.6	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0838	0.0811		48.4	50.0	-3.3	25.0
1,2,4-Trichlorobenzene	Ave	0.8056	0.8253		50.9	49.7	2.4	25.0
Hexachlorobutadiene	Ave	0.3635	0.3619		49.8	50.0	-0.4	25.0
Naphthalene	Ave	1.228	1.275		51.9	50.0	3.8	25.0
1,2,3-Trichlorobenzene	Ave	0.6397	0.6621		51.8	50.0	3.5	25.0
Tetrahydrofuran	Lin2					249	-100.0*	40.0
Fluorobenzene (Surr)	Ave	1.342	1.386		5.17	5.00	3.3	25.0
Toluene-d8 (Surr)	Ave	0.9638	0.9723		5.05	5.01	0.9	25.0
Ethylbenzene-d10	Ave	0.3154	0.3124		4.95	5.00	-1.0	25.0
4-Bromofluorobenzene (Surr)	Ave	1.046	1.065		5.10	5.01	1.8	25.0
Trifluorotoluene (Surr)	Ave	0.4756			0.000000	10.0		25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICV 580-91758/15 Calibration Date: 08/02/2011 13:18

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016488.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acrolein	Ave	0.0193	0.0101		131	250	-47.8*	40.0
Acrylonitrile	Lin1		0.0254		214	254	-15.7	40.0
Fluorobenzene (Surr)	Ave	1.342	1.348		5.03	5.00	0.5	25.0
Trifluorotoluene (Surr)	Ave	0.4756	0.5261		11.1	10.0	10.6	25.0
Toluene-d8 (Surr)	Ave	0.9638	0.9826		5.11	5.01	2.0	25.0
Ethylbenzene-d10	Ave	0.3154	0.3267		5.18	5.00	3.6	25.0
4-Bromofluorobenzene (Surr)	Ave	1.046	1.070		5.12	5.01	2.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICV 580-91758/16 Calibration Date: 08/02/2011 13:43

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016489.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2138	0.2344		54.8	50.0	9.6	25.0
Chloromethane	Ave	0.2204	0.2142	0.1000	48.6	50.0	-2.8	25.0
Vinyl chloride	Ave	0.1602	0.1577		49.2	50.0	-1.6	25.0
Bromomethane	Ave	0.0288	0.0243		42.3	50.0	-15.5	25.0
Chloroethane	Lin1		0.0344		56.7	50.0	13.4	25.0
Trichlorofluoromethane	Ave	0.3065	0.2834		46.2	50.0	-7.5	25.0
Ethyl ether	Ave	0.1397	0.1553		276	249	11.2	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1727	0.1842		53.0	49.7	6.7	40.0
1,1-Dichloroethene	Ave	0.2190	0.2171		49.1	49.5	-0.9	25.0
Acetone	Lin1		0.0216		80.0	100	-20.0	25.0
Iodomethane	Ave	0.4900	0.5784		116	98.5	18.0	40.0
Carbon disulfide	Ave	0.6630	0.6275		94.6	100	-5.4	25.0
Acetonitrile	Ave	0.0362	0.0375		518	500	3.7	40.0
Methyl acetate	Ave	0.0204	0.0199		246	252	-2.6	40.0
Methylene Chloride	Ave	0.2024	0.2022		50.0	50.0	-0.1	25.0
t-Butyl alcohol	Ave	0.0076	0.0064		209	250	-16.6	40.0
Methyl tert-butyl ether	Ave	0.5091	0.4715		46.3	50.0	-7.4	25.0
trans-1,2-Dichloroethene	Ave	0.2308	0.2291		49.7	50.1	-0.7	25.0
Hexane	Ave	0.2618	0.3387		64.8	50.1	29.4	40.0
1,1-Dichloroethane	Ave	0.3656	0.3677	0.1000	49.8	49.5	0.6	25.0
Diisopropyl ether	Ave	0.6029	0.5742		47.6	50.0	-4.8	40.0
Vinyl acetate	Ave	0.0288	0.0230		79.8	100	-20.2	40.0
Ethyl t-butyl ether	Ave	0.2630	0.2526		48.0	50.0	-4.0	40.0
2,2-Dichloropropane	Ave	0.2938	0.2987		50.9	50.1	1.7	25.0
cis-1,2-Dichloroethene	Ave	0.2383	0.2420		50.7	50.0	1.5	25.0
2-Butanone	Ave	0.0119	0.0113		94.7	100	-5.3	25.0
Ethyl acetate	Ave	0.0132	0.0126		47.7	50.0	-4.7	40.0
Chlorobromomethane	Ave	0.1763	0.1784		50.2	49.6	1.2	25.0
Methacrylonitrile	Ave	0.0597	0.0568		476	500	-4.9	40.0
Tetrahydrofuran	Lin2		0.0179		270	249	8.5	40.0
Chloroform	Ave	0.4571	0.4724		51.7	50.0	3.3	25.0
1,1,1-Trichloroethane	Ave	0.3959	0.4032		50.9	50.0	1.8	25.0
Cyclohexane	Ave	0.3883	0.5010		64.3	49.9	29.0	40.0
1,1-Dichloropropene	Ave	0.3616	0.3764		51.9	49.8	4.1	25.0
Carbon tetrachloride	Ave	0.3571	0.3638		51.0	50.1	1.9	25.0
Isobutanol	Lin1		0.0039		1000	998	0.3	40.0
Benzene	Ave	1.022	1.067		52.0	49.8	4.5	25.0
1,2-Dichloroethane	Ave	0.2649	0.2781		52.0	49.6	5.0	25.0
Tert-amyl methyl ether	Ave	0.6466	0.6155		47.6	50.0	-4.8	40.0
n-Butyl alcohol	Lin1		0.0021		42.0	49.9	-15.7	40.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICV 580-91758/16 Calibration Date: 08/02/2011 13:43

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016489.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Trichloroethene	Ave	0.2563	0.2740		53.5	50.0	6.9	25.0
Methylcyclohexane	Ave	0.3483	0.4603		66.2	50.1	32.2	40.0
1,2-Dichloropropane	Ave	0.1933	0.1963		50.8	50.0	1.5	25.0
Dibromomethane	Ave	0.1301	0.1332		50.5	49.3	2.3	25.0
Dichlorobromomethane	Ave	0.2426	0.2431		49.5	49.4	0.2	25.0
2-Chloroethyl vinyl ether	Lin1		0.0776		121	99.6	21.0	40.0
cis-1,3-Dichloropropene	Ave	0.2905	0.2818		50.9	52.5	-3.0	25.0
4-Methyl-2-pentanone	Ave	0.0415	0.0380		90.9	99.5	-8.6	25.0
Toluene	Ave	0.8226	0.8457		51.4	50.0	2.8	25.0
trans-1,3-Dichloropropene	Ave	0.2172	0.2257		49.3	47.5	3.9	25.0
1,1,2-Trichloroethane	Ave	0.1265	0.1286		50.2	49.4	1.7	25.0
Tetrachloroethene	Ave	0.2147	0.2216		51.7	50.1	3.2	25.0
1,3-Dichloropropane	Ave	0.2086	0.2129		51.0	50.0	2.0	25.0
2-Hexanone	Ave	0.0382	0.0358		92.0	98.1	-6.1	25.0
Chlorodibromomethane	Ave	0.1547	0.1510		48.4	49.6	-2.4	25.0
Ethylene Dibromide	Ave	0.1255	0.1241		49.4	50.0	-1.1	25.0
Chlorobenzene	Ave	1.983	2.083	0.3000	52.5	50.0	5.1	25.0
1,1,1,2-Tetrachloroethane	Ave	0.6676	0.7151		52.8	49.3	7.1	25.0
Ethylbenzene	Ave	3.089	3.289		52.8	49.6	6.4	25.0
m-Xylene & p-Xylene	Ave	2.329	2.446		105	100	5.0	25.0
o-Xylene	Ave	2.264	2.374		52.4	50.0	4.8	25.0
Styrene	Ave	1.826	1.997		54.5	49.9	9.3	25.0
Bromoform	Ave	0.3011	0.2960	0.1000	49.0	49.8	-1.7	25.0
Isopropylbenzene	Ave	2.692	2.623		48.7	50.0	-2.6	25.0
cis-1,4-Dichloro-2-butene	Ave	0.1397	0.1379		48.6	49.3	-1.3	40.0
1,1,2,2-Tetrachloroethane	Ave	0.4034	0.3907	0.3000	48.4	50.0	-3.2	25.0
Bromobenzene	Ave	0.7817	0.8298		52.8	49.8	6.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.0955	0.1081		56.6	50.0	13.2	40.0
1,2,3-Trichloropropane	Ave	0.1210	0.1154		47.0	49.3	-4.6	25.0
N-Propylbenzene	Ave	3.133	3.215		51.3	50.0	2.6	25.0
2-Chlorotoluene	Ave	0.7033	0.7528		53.0	49.5	7.0	25.0
1,3,5-Trimethylbenzene	Ave	2.098	2.263		54.0	50.0	7.9	25.0
4-Chlorotoluene	Ave	0.7091	0.7605		52.8	49.3	7.2	25.0
tert-Butylbenzene	Ave	1.887	2.060		54.4	49.8	9.2	25.0
1,2,4-Trimethylbenzene	Ave	2.027	2.165		53.4	50.1	6.8	25.0
sec-Butylbenzene	Ave	2.578	2.708		52.6	50.0	5.0	25.0
4-Isopropyltoluene	Ave	2.193	2.247		50.9	49.7	2.4	25.0
1,3-Dichlorobenzene	Ave	1.302	1.315		50.4	49.9	1.0	25.0
1,4-Dichlorobenzene	Ave	1.349	1.359		50.3	50.0	0.7	25.0
2-Ethyl-1-Hexanol	Qua2		0.0196		597	625	-4.4	40.0
n-Butylbenzene	Ave	0.5370	0.5773		53.2	49.5	7.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICV 580-91758/16 Calibration Date: 08/02/2011 13:43

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016489.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichlorobenzene	Ave	1.125	1.167		50.9	49.1	3.7	25.0
Hexachloroethane	Ave	0.3180	0.3037		47.7	50.0	-4.5	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0838	0.0786		46.9	50.0	-6.2	25.0
1,2,4-Trichlorobenzene	Ave	0.8056	0.8120		50.1	49.7	0.8	25.0
Hexachlorobutadiene	Ave	0.3635	0.3444		47.3	50.0	-5.3	25.0
Naphthalene	Ave	1.228	1.240		50.5	50.0	0.9	25.0
1,2,3-Trichlorobenzene	Ave	0.6397	0.6424		50.2	50.0	0.4	25.0
Fluorobenzene (Surr)	Ave	1.342	1.377		5.13	5.00	2.6	25.0
Trifluorotoluene (Surr)	Ave	0.4756	0.5280		11.1	10.0	11.0	25.0
Toluene-d8 (Surr)	Ave	0.9638	0.9709		5.04	5.01	0.7	25.0
Ethylbenzene-d10	Ave	0.3154	0.3300		5.23	5.00	4.6	25.0
4-Bromofluorobenzene (Surr)	Ave	1.046	1.062		5.09	5.01	1.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: CCVIS 580-92970/2 Calibration Date: 08/16/2011 14:38

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016679.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2138	0.1915		44.7	50.0	-10.5	50.0
Chloromethane	Ave	0.2204	0.2096	0.1000	47.6	50.0	-4.9	50.0
Vinyl chloride	Ave	0.1602	0.1523		47.5	50.0	-5.0	20.0
Bromomethane	Ave	0.0288	0.0272		47.2	50.0	-5.6	50.0
Chloroethane	Lin1		0.0315		51.9	50.0	3.9	50.0
Trichlorofluoromethane	Ave	0.3065	0.2964		48.3	50.0	-3.3	50.0
Ethyl ether	Ave	0.1397	0.1530		274	250	9.6	40.0
Acrolein	Ave	0.0193	0.0200		261	252	3.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1727	0.1767		51.0	49.9	2.3	50.0
1,1-Dichloroethene	Ave	0.2190	0.2066		47.1	50.0	-5.7	20.0
Acetone	Lin1		0.0310		323	250	29.2	50.0
Iodomethane	Ave	0.4900	0.4826		248	251	-1.5	50.0
Carbon disulfide	Ave	0.6630	0.6280		47.4	50.1	-5.3	50.0
Acetonitrile	Ave	0.0362	0.0358		495	500	-1.0	50.0
Methyl acetate	Ave	0.0204	0.0231		284	251	13.0	50.0
Methylene Chloride	Ave	0.2024	0.2004		49.4	49.9	-1.0	40.0
t-Butyl alcohol	Ave	0.0076	0.0077		252	250	0.6	50.0
Methyl tert-butyl ether	Ave	0.5091	0.5550		54.5	50.0	9.0	30.0
trans-1,2-Dichloroethene	Ave	0.2308	0.2298		49.8	50.0	-0.4	30.0
Acrylonitrile	Lin1		0.0383		320	250	27.7	50.0
Hexane	Ave	0.2618	0.2700		51.7	50.1	3.2	40.0
1,1-Dichloroethane	Ave	0.3656	0.3676	0.1000	50.2	50.0	0.5	30.0
Diisopropyl ether	Ave	0.6029	0.6305		52.3	50.0	4.6	30.0
Vinyl acetate	Ave	0.0288	0.0358		313	252	24.5	50.0
Ethyl t-butyl ether	Ave	0.2630	0.2713		51.6	50.0	3.2	30.0
2,2-Dichloropropane	Ave	0.2938	0.3043		51.8	50.0	3.6	40.0
cis-1,2-Dichloroethene	Ave	0.2383	0.2445		51.4	50.1	2.6	30.0
2-Butanone	Ave	0.0119	0.0152		319	250	27.7	50.0
Ethyl acetate	Ave	0.0132	0.0168		317	249	27.3	50.0
Methacrylonitrile	Ave	0.0597	0.0775		329	253	29.8	50.0
Chlorobromomethane	Ave	0.1763	0.1860		52.8	50.1	5.5	40.0
Tetrahydrofuran	Lin2		0.0220		336	250	34.3	50.0
Chloroform	Ave	0.4571	0.4808		52.6	50.1	5.2	20.0
1,1,1-Trichloroethane	Ave	0.3959	0.3851		48.6	50.0	-2.7	30.0
Cyclohexane	Ave	0.3883	0.3747		48.2	50.0	-3.5	30.0
1,1-Dichloropropene	Ave	0.3616	0.3799		52.0	49.5	5.1	30.0
Carbon tetrachloride	Ave	0.3571	0.2987		41.9	50.1	-16.3	30.0
Isobutanol	Lin1		0.0036		469	499	-6.1	50.0
Benzene	Ave	1.022	1.069		52.3	50.0	4.7	30.0
1,2-Dichloroethane	Ave	0.2649	0.2885		54.4	50.0	8.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: CCVIS 580-92970/2 Calibration Date: 08/16/2011 14:38

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016679.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.6466	0.6912		53.4	50.0	6.9	40.0
n-Butyl alcohol	Lin1		0.0017		399	501	-20.2	50.0
Trichloroethene	Ave	0.2563	0.2438		47.6	50.0	-4.9	30.0
Methylcyclohexane	Ave	0.3483	0.3301		47.4	50.0	-5.2	30.0
1,2-Dichloropropane	Ave	0.1933	0.2041		53.9	51.1	5.6	20.0
Dibromomethane	Ave	0.1301	0.1383		53.4	50.3	6.2	30.0
Dichlorobromomethane	Ave	0.2426	0.2412		49.7	50.1	-0.6	30.0
2-Chloroethyl vinyl ether	Lin1		0.1141		463	252	83.9*	50.0
cis-1,3-Dichloropropene	Ave	0.2905	0.2952		50.4	49.6	1.6	30.0
4-Methyl-2-pentanone	Ave	0.0415	0.0575		346	250	38.5	50.0
Toluene	Ave	0.8226	0.8398		51.0	50.0	2.1	20.0
trans-1,3-Dichloropropene	Ave	0.2172	0.2304		54.1	51.0	6.1	30.0
1,1,2-Trichloroethane	Ave	0.1265	0.1453		57.5	50.1	14.8	30.0
Tetrachloroethene	Ave	0.2147	0.2042		47.6	50.1	-4.9	40.0
1,3-Dichloropropane	Ave	0.2086	0.2450		58.7	50.0	17.5	30.0
2-Hexanone	Ave	0.0382	0.0530		347	250	38.9	50.0
Chlorodibromomethane	Ave	0.1547	0.1453		46.6	49.6	-6.1	40.0
Ethylene Dibromide	Ave	0.1255	0.1383		55.3	50.2	10.3	30.0
Chlorobenzene	Ave	1.983	1.884	0.3000	47.4	49.9	-5.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6676	0.5913		44.4	50.2	-11.4	30.0
Ethylbenzene	Ave	3.089	3.064		49.6	50.0	-0.8	20.0
m-Xylene & p-Xylene	Ave	2.329	2.313		99.4	100	-0.7	30.0
o-Xylene	Ave	2.264	2.222		49.1	50.1	-1.9	30.0
Styrene	Ave	1.826	1.793		49.3	50.2	-1.8	30.0
Bromoform	Ave	0.3011	0.2791	0.1000	47.0	50.8	-7.3	40.0
Isopropylbenzene	Ave	2.692	2.612		48.5	50.0	-3.0	30.0
cis-1,4-Dichloro-2-butene	Ave	0.1397	0.1479		265	250	5.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.4034	0.4946	0.3000	61.4	50.1	22.6	30.0
Bromobenzene	Ave	0.7817	0.7633		49.2	50.4	-2.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.0955	0.1143		299	250	19.7	50.0
1,2,3-Trichloropropane	Ave	0.1210	0.1446		60.4	50.5	19.5	30.0
N-Propylbenzene	Ave	3.133	3.126		49.9	50.0	-0.2	30.0
2-Chlorotoluene	Ave	0.7033	0.6592		47.1	50.2	-6.3	30.0
4-Chlorotoluene	Ave	0.7091	0.7072		50.0	50.1	-0.3	30.0
tert-Butylbenzene	Ave	1.887	1.815		48.1	50.0	-3.8	30.0
1,2,4-Trimethylbenzene	Ave	2.027	2.000		49.6	50.3	-1.4	30.0
sec-Butylbenzene	Ave	2.578	2.411		46.8	50.1	-6.5	30.0
4-Isopropyltoluene	Ave	2.193	2.030		46.2	50.0	-7.4	30.0
1,3-Dichlorobenzene	Ave	1.302	1.293		49.7	50.0	-0.7	30.0
1,4-Dichlorobenzene	Ave	1.349	1.315		48.7	50.0	-2.5	30.0
2-Ethyl-1-Hexanol	Qua2		0.0196		1090	1250	-12.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: CCVIS 580-92970/2 Calibration Date: 08/16/2011 14:38

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016679.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butylbenzene	Ave	0.5370	0.4854		45.2	50.0	-9.6	30.0
1,2-Dichlorobenzene	Ave	1.125	1.158		51.5	50.0	2.9	30.0
Hexachloroethane	Ave	0.3180	0.2259		35.6	50.2	-29.0	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0838	0.1014		60.6	50.2	20.9	50.0
1,3,5-Trichlorobenzene	Ave	0.9359	0.8558		45.7	50.0	-8.6	30.0
1,2,4-Trichlorobenzene	Ave	0.8056	0.7691		47.4	49.7	-4.5	40.0
Hexachlorobutadiene	Ave	0.3635	0.3004		41.3	50.0	-17.4	40.0
Naphthalene	Ave	1.228	1.539		62.7	50.1	25.3	40.0
1,2,3-Trichlorobenzene	Ave	0.6397	0.6623		51.4	49.7	3.5	40.0
1,3,5-Trimethylbenzene	Ave	2.098				50.1		
Fluorobenzene (Surr)	Ave	1.342	1.384		5.16	5.00	3.2	
Trifluorotoluene (Surr)	Ave	0.4756	0.4434		46.6	50.0	-6.8	
Toluene-d8 (Surr)	Ave	0.9638	0.9581		4.98	5.01	-0.6	
Ethylbenzene-d10	Ave	0.3154	0.3156		5.00	5.00	0.0	
4-Bromofluorobenzene (Surr)	Ave	1.046	0.9762		4.68	5.01	-6.7	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-92970/4

Matrix: Water | Lab File ID: G3016681.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	0.195	J	3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-92970/4

Matrix: Water | Lab File ID: G3016681.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	101		85-120
25837-05-2	Ethylbenzene-d10	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120
98-08-8	Trifluorotoluene (Surr)	106		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 580-92970/5

Matrix: Water Lab File ID: G3016682.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 10(mL) Date Analyzed: 08/16/2011 15:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624short ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 92970 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	22.6		1.0	0.15
71-43-2	Benzene	22.9		1.0	0.15
79-01-6	Trichloroethene	20.8		1.0	0.15
108-88-3	Toluene	21.6		1.0	0.15
108-90-7	Chlorobenzene	20.9		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
25837-05-2	Ethylbenzene-d10	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120
98-08-8	Trifluorotoluene (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27847-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-92970/6

Matrix: Water | Lab File ID: G3016683.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 16:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	22.7		1.0	0.15
71-43-2	Benzene	22.3		1.0	0.15
79-01-6	Trichloroethene	20.6		1.0	0.15
108-88-3	Toluene	21.8		1.0	0.15
108-90-7	Chlorobenzene	21.2		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	100		85-120
25837-05-2	Ethylbenzene-d10	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120
98-08-8	Trifluorotoluene (Surr)	101		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Instrument ID: TAC001 Start Date: 08/02/2011 07:31

Analysis Batch Number: 91758 End Date: 08/02/2011 19:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-91758/1		08/02/2011 07:31	1	G3016474.D	ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 07:57	1		ZB-624short 0.18(mm)
STD1 580-91758/3 IC		08/02/2011 08:22	1	G3016476.D	ZB-624short 0.18(mm)
STD2 580-91758/4 IC		08/02/2011 08:46	1	G3016477.D	ZB-624short 0.18(mm)
STD5 580-91758/5 IC		08/02/2011 09:11	1	G3016478.D	ZB-624short 0.18(mm)
STD10 580-91758/6 IC		08/02/2011 09:35	1	G3016479.D	ZB-624short 0.18(mm)
STD20 580-91758/7 IC		08/02/2011 10:00	1	G3016480.D	ZB-624short 0.18(mm)
STD50IS 580-91758/8 ICIS		08/02/2011 10:25	1	G3016481.D	ZB-624short 0.18(mm)
STD100 580-91758/9 IC		08/02/2011 10:49	1	G3016482.D	ZB-624short 0.18(mm)
STD150 580-91758/10 IC		08/02/2011 11:14	1	G3016483.D	ZB-624short 0.18(mm)
STD200 580-91758/11 IC		08/02/2011 11:38	1	G3016484.D	ZB-624short 0.18(mm)
RB 580-91758/12 PIBLK		08/02/2011 12:03	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 12:29	1		ZB-624short 0.18(mm)
ICV 580-91758/14		08/02/2011 12:54	1	G3016487.D	ZB-624short 0.18(mm)
ICV 580-91758/15		08/02/2011 13:18	1	G3016488.D	ZB-624short 0.18(mm)
ICV 580-91758/16		08/02/2011 13:43	1	G3016489.D	ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 14:08	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 14:33	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 14:58	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 15:22	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 15:47	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 16:11	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 16:36	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 17:00	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 17:25	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 17:49	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 18:14	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 18:38	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 19:03	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Instrument ID: TAC001 Start Date: 08/16/2011 14:11

Analysis Batch Number: 92970 End Date: 08/17/2011 00:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-92970/1		08/16/2011 14:11	1	G3016678.D	ZB-624short 0.18(mm)
CCVIS 580-92970/2		08/16/2011 14:38	1	G3016679.D	ZB-624short 0.18(mm)
RINSE 580-92970/3		08/16/2011 15:04	1		ZB-624short 0.18(mm)
MB 580-92970/4		08/16/2011 15:31	1	G3016681.D	ZB-624short 0.18(mm)
LCS 580-92970/5		08/16/2011 15:58	1	G3016682.D	ZB-624short 0.18(mm)
LCSD 580-92970/6		08/16/2011 16:24	1	G3016683.D	ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 16:50	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 17:17	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 17:44	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 18:10	1		ZB-624short 0.18(mm)
580-27847-3	TB-01-08042011	08/16/2011 18:37	1	G3016688.D	ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 19:03	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 19:29	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 19:56	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 20:22	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 20:49	1		ZB-624short 0.18(mm)
580-27847-1	EB-01-08042011	08/16/2011 21:15	1	G3016694.D	ZB-624short 0.18(mm)
580-27847-2	MW-04-08042011	08/16/2011 21:42	1	G3016695.D	ZB-624short 0.18(mm)
580-27847-4	MW-02-08052011	08/16/2011 22:08	1	G3016696.D	ZB-624short 0.18(mm)
580-27847-5	MW-01-08052011	08/16/2011 22:35	1	G3016697.D	ZB-624short 0.18(mm)
580-27847-6	MW-03-08052011	08/16/2011 23:01	1	G3016698.D	ZB-624short 0.18(mm)
580-27847-7	DUP-01-08052011	08/16/2011 23:28	1	G3016699.D	ZB-624short 0.18(mm)
RINSE 580-92970/23		08/16/2011 23:54	1		ZB-624short 0.18(mm)
RINSE 580-92970/24		08/17/2011 00:20	1		ZB-624short 0.18(mm)
RINSE 580-92970/25		08/17/2011 00:47	1		ZB-624short 0.18(mm)

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Seattle Job Number: 580-27847-1

SDG No.:

Project: GE Yakima-Yakima, WA

Client Sample ID	Lab Sample ID
EB-01-08042011	580-27847-1
MW-04-08042011	580-27847-2
MW-02-08052011	580-27847-4
MW-01-08052011	580-27847-5
MW-03-08052011	580-27847-6
DUP-01-08052011	580-27847-7

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EB-01-08042011 Lab Sample ID: 580-27847-1

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/04/2011 07:53

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: EB-01-08042011 Lab Sample ID: 580-27847-1

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/04/2011 07:53

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	ND	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	ND	0.0020	0.0014	mg/L			5	6020
7440-50-8	Copper	0.0016	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	ND	0.0040	0.0014	mg/L			5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	ND	0.0070	0.000089	mg/L			5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-04-08042011 Lab Sample ID: 580-27847-2

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/04/2011 19:46

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-04-08042011 Lab Sample ID: 580-27847-2

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/04/2011 19:46

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.049	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	ND	0.0020	0.0014	mg/L			5	6020
7440-50-8	Copper	0.0034	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0016	0.0040	0.0014	mg/L	J		5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00052	0.0070	0.000089	mg/L	J		5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-02-08052011 Lab Sample ID: 580-27847-4

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 09:38

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-02-08052011 Lab Sample ID: 580-27847-4

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 09:38

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.060	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0016	0.0020	0.0014	mg/L	J		5	6020
7440-50-8	Copper	0.0027	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0017	0.0040	0.0014	mg/L	J		5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.0031	0.0070	0.000089	mg/L	J		5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-01-08052011 Lab Sample ID: 580-27847-5

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 12:29

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-01-08052011 Lab Sample ID: 580-27847-5

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 12:29

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.15	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	ND	0.0020	0.0014	mg/L			5	6020
7440-50-8	Copper	0.0028	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0014	0.0040	0.0014	mg/L	J		5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00016	0.0070	0.000089	mg/L	J		5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-03-08052011 Lab Sample ID: 580-27847-6

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 15:59

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-03-08052011 Lab Sample ID: 580-27847-6

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 15:59

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.051	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0017	0.0020	0.0014	mg/L	J		5	6020
7440-50-8	Copper	0.0020	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0016	0.0040	0.0014	mg/L	J		5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00010	0.0070	0.000089	mg/L	J		5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP-01-08052011 Lab Sample ID: 580-27847-7

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 00:00

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: DUP-01-08052011 Lab Sample ID: 580-27847-7

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 00:00

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.051	0.0060	0.00027	mg/L			5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0023	0.0020	0.0014	mg/L			5	6020
7440-50-8	Copper	0.0022	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0016	0.0040	0.0014	mg/L	J		5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	ND	0.0070	0.000089	mg/L			5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00010 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00007

Analyte	ICV 580-93251/7 08/19/2011 09:08				CCV 580-93251/12 08/19/2011 09:45				CCV 580-93251/24 08/19/2011 10:23			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0395		0.0400	99	0.0508		0.0500	102	0.0499		0.0500	100
Arsenic	0.0400		0.0400	100	0.0492		0.0500	98	0.0492		0.0500	98
Barium	0.0394		0.0400	98	0.0506		0.0500	101	0.0498		0.0500	100
Beryllium	0.0406		0.0400	101	0.0502		0.0500	100	0.0498		0.0500	100
Cadmium	0.0399		0.0400	100	0.0510		0.0500	102	0.0499		0.0500	100
Chromium	0.0396		0.0400	99	0.0497		0.0500	99	0.0494		0.0500	99
Copper	0.0400		0.0400	100	0.0497		0.0500	99	0.0494		0.0500	99
Lead	0.0406		0.0400	101	0.0504		0.0500	101	0.0506		0.0500	101
Molybdenum	0.0387		0.0400	97	0.0504		0.0500	101	0.0505		0.0500	101
Nickel	0.0404		0.0400	101	0.0508		0.0500	102	0.0502		0.0500	100
Selenium	0.0398		0.0400	99	0.0499		0.0500	100	0.0498		0.0500	100
Silver	0.0407		0.0400	102	0.0513		0.0500	103	0.0505		0.0500	101
Tin	0.0400		0.0400	100	0.0512		0.0500	102	0.0500		0.0500	100
Zinc	0.0392		0.0400	98	0.0490		0.0500	98	0.0493		0.0500	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00010 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00007

Analyte	CCV 580-93251/36 08/19/2011 11:00											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0500		0.0500	100								
Arsenic	0.0498		0.0500	100								
Barium	0.0495		0.0500	99								
Beryllium	0.0506		0.0500	101								
Cadmium	0.0496		0.0500	99								
Chromium	0.0503		0.0500	101								
Copper	0.0504		0.0500	101								
Lead	0.0501		0.0500	100								
Molybdenum	0.0492		0.0500	98								
Nickel	0.0510		0.0500	102								
Selenium	0.0505		0.0500	101								
Silver	0.0504		0.0500	101								
Tin	0.0498		0.0500	100								
Zinc	0.0491		0.0500	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

ICV Source: Hg_ICV_WORK_00009 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00008

Analyte	ICV 580-93176/7 08/18/2011 14:01				CCV 580-93176/28 08/18/2011 14:39				CCV 580-93176/40 08/18/2011 15:04			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00394		0.00400	99	0.00492		0.00500	98	0.00501		0.00500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

ICV Source: Hg_ICV_WORK_00009 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00008

Analyte	CCV 580-93176/52 08/18/2011 15:24											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00507		0.00500	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Method: 6020 Instrument ID: SEA026

Lab Sample ID: CRI 580-93251/9 Concentration Units: mg/L

CRQL Check Standard Source: ICPMS_CAL_WOR_00007

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	0.00200	0.00201		101	50-150
Arsenic	0.00200	0.00202		101	50-150
Barium	0.00200	0.00199		99	50-150
Beryllium	0.00200	0.00223		111	50-150
Cadmium	0.00200	0.00201		100	50-150
Chromium	0.00200	0.00191		96	50-150
Copper	0.00200	0.00212		106	50-150
Lead	0.00200	0.00208		104	50-150
Molybdenum	0.00200	0.00202		101	50-150
Nickel	0.00200	0.00216	J	108	50-150
Selenium	0.00200	0.00199		100	50-150
Silver	0.00200	0.00211		105	50-150
Tin	0.00200	0.00206		103	50-150
Zinc	0.00200	0.00119	J	60	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-93251/8 08/19/2011 09:11		CCB 580-93251/13 08/19/2011 09:48		CCB 580-93251/25 08/19/2011 10:26		CCB 580-93251/37 08/19/2011 11:04	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND		ND		ND		ND	
Arsenic	0.0010	ND		ND		ND		ND	
Barium	0.0012	ND		ND		ND		ND	
Beryllium	0.00040	ND		ND		ND		ND	
Cadmium	0.00040	ND		ND		ND		ND	
Chromium	0.00040	ND		ND		ND		ND	
Copper	0.0010	ND		ND		ND		ND	
Lead	0.00040	ND		ND		ND		ND	
Molybdenum	0.00080	0.000236	J	ND		0.000367	J	ND	
Nickel	0.0030	ND		ND		ND		ND	
Selenium	0.0014	ND		ND		ND		ND	
Silver	0.00040	ND		ND		ND		ND	
Tin	0.0014	0.0000320	J	0.0000380	J	0.0000780	J	ND	
Zinc	0.0014	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-93176/8 08/18/2011 14:03		CCB 580-93176/29 08/18/2011 14:41		CCB 580-93176/41 08/18/2011 15:06		CCB 580-93176/53 08/18/2011 15:26	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-93133/16-A

Instrument Code: SEA026 Batch No.: 93251

CAS No.	Analyte	Concentration	C	Q	Method
7440-36-0	Antimony	ND			6020
7440-38-2	Arsenic	ND			6020
7440-39-3	Barium	ND			6020
7440-41-7	Beryllium	ND			6020
7440-43-9	Cadmium	ND			6020
7440-47-3	Chromium	ND			6020
7440-50-8	Copper	ND			6020
7439-92-1	Lead	ND			6020
7439-98-7	Molybdenum	ND			6020
7440-02-0	Nickel	ND			6020
7782-49-2	Selenium	ND			6020
7440-22-4	Silver	ND			6020
7440-31-5	Tin	ND			6020
7440-66-6	Zinc	ND			6020

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-93138/19-A

Instrument Code: TAC103 Batch No.: 93176

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	ND			7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICSA 580-93251/10 Instrument ID: SEA026

Lab File ID: 93171-ICPMS.rep ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**0.0001**	
Arsenic		**0.0003**	
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium		**0.0005**	
Chromium		**0.0008**	
Copper		**0.0006**	
Lead		**0.0000**	
Molybdenum	**0.400**	**0.417**	**104**
Nickel		**0.0009**	
Selenium		**0.0000**	
Silver		**0.0000**	
Tin		**0.0000**	
Zinc		**-0.0005**	
Aluminum	*20.0*	*20.4*	*102*
Calcium	*60.0*	*62.6*	*104*
Cobalt		*0.0001*	
Iron	*50.0*	*50.4*	*101*
Magnesium	*20.0*	*20.5*	*102*
Manganese		*0.0006*	
Mercury		*0.0001*	
Phosphorus	*20.0*	*20.2*	*101*
Potassium	*20.0*	*20.3*	*102*
Sodium	*50.0*	*52.2*	*104*
Strontium		*0.0004*	
Thallium		*0.0001*	
Titanium	*0.400*	*0.366*	*92*
Uranium		*0.0000*	
Vanadium		*0.0008*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICSAB 580-93251/11 Instrument ID: SEA026

Lab File ID: 93171-ICPMS.rep ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0208**	**104**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0211**	**105**
Chromium	**0.0400**	**0.0426**	**107**
Copper	**0.0400**	**0.0406**	**101**
Lead		**0.0000**	
Molybdenum	**0.400**	**0.410**	**102**
Nickel	**0.0400**	**0.0414**	**104**
Selenium	**0.0200**	**0.0203**	**101**
Silver	**0.0100**	**0.0102**	**102**
Tin		**0.0000**	
Zinc	**0.0200**	**0.0194**	**97**
Aluminum	*20.0*	*20.0*	*100*
Calcium	*60.0*	*62.6*	*104*
Cobalt	*0.0400*	*0.0410*	*102*
Iron	*50.0*	*52.0*	*104*
Magnesium	*20.0*	*20.4*	*102*
Manganese	*0.0400*	*0.0412*	*103*
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.6*	*98*
Potassium	*20.0*	*20.4*	*102*
Sodium	*50.0*	*51.5*	*103*
Strontium		*0.0003*	
Thallium		*0.0001*	
Titanium	*0.400*	*0.374*	*93*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0435*	*109*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Lab Sample ID: ICSAB 580-93251/11 Instrument ID: SEA026

Lab File ID: 93171-ICPMS.rep ICS Source: ICPMS-ICSB_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0208**	**104**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0211**	**105**
Chromium	**0.0400**	**0.0426**	**107**
Copper	**0.0400**	**0.0406**	**101**
Lead		**0.0000**	
Molybdenum	**0.400**	**0.410**	**102**
Nickel	**0.0400**	**0.0414**	**104**
Selenium	**0.0200**	**0.0203**	**101**
Silver	**0.0100**	**0.0102**	**102**
Tin		**0.0000**	
Zinc	**0.0200**	**0.0194**	**97**
Aluminum	*20.0*	*20.0*	*100*
Calcium	*60.0*	*62.6*	*104*
Cobalt	*0.0400*	*0.0410*	*102*
Iron	*50.0*	*52.0*	*104*
Magnesium	*20.0*	*20.4*	*102*
Manganese	*0.0400*	*0.0412*	*103*
Mercury		*0.0000*	
Phosphorus	*20.0*	*19.6*	*98*
Potassium	*20.0*	*20.4*	*102*
Sodium	*50.0*	*51.5*	*103*
Strontium		*0.0003*	
Thallium		*0.0001*	
Titanium	*0.400*	*0.374*	*93*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0435*	*109*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: EB-01-08042011 MS Lab ID: 580-27847-1 MS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Antimony	3.01		ND		3.00	100	80-120		6020
Arsenic	4.10		ND		4.00	103	80-120		6020
Barium	4.08		ND		4.00	102	80-120		6020
Beryllium	0.104		ND		0.100	104	80-120		6020
Cadmium	0.104		ND		0.100	104	80-120		6020
Chromium	0.394		ND		0.400	98	80-120		6020
Copper	0.538		0.0016	J	0.500	107	80-120		6020
Lead	1.06		ND		1.00	106	80-120		6020
Molybdenum	4.82		ND		5.00	96	80-120		6020
Nickel	1.05		ND		1.00	105	80-120		6020
Selenium	4.04		ND		4.00	101	80-120		6020
Silver	0.630		ND		0.600	105	80-120		6020
Tin	4.91		ND		5.00	98	80-120		6020
Zinc	0.962		ND		1.00	96	80-120		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: DUP-01-08052011 MS Lab ID: 580-27847-7 MS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.00207		ND		0.00200	103	80-120		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: EB-01-08042011 MSD
Lab ID: 580-27847-1 MSD
Lab Name: TestAmerica Seattle
Job No.: 580-27847-1
SDG No.:
Matrix: Water
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Antimony	2.93		3.00	98	80-120	3	20		6020
Arsenic	4.00		4.00	100	80-120	3	20		6020
Barium	4.01		4.00	100	80-120	2	20		6020
Beryllium	0.105		0.100	105	80-120	2	20		6020
Cadmium	0.0989		0.100	99	80-120	5	20		6020
Chromium	0.377		0.400	94	80-120	4	20		6020
Copper	0.522		0.500	104	80-120	3	20		6020
Lead	1.05		1.00	105	80-120	1	20		6020
Molybdenum	4.73		5.00	95	80-120	2	20		6020
Nickel	1.05		1.00	105	80-120	1	20		6020
Selenium	4.00		4.00	100	80-120	1	20		6020
Silver	0.599		0.600	100	80-120	5	20		6020
Tin	4.83		5.00	97	80-120	2	20		6020
Zinc	0.970		1.00	97	80-120	1	20		6020

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: DUP-01-08052011 MSD Lab ID: 580-27847-7 MSD

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.00208		0.00200	104	80-120	1	20		7470A

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: EB-01-08042011 PDS Lab ID: 580-27847-1 PDS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Antimony	3.14		ND		3.00	105	75-125		6020
Arsenic	4.15		ND		4.00	104	75-125		6020
Barium	4.23		ND		4.00	106	75-125		6020
Beryllium	0.109		ND		0.100	109	75-125		6020
Cadmium	0.108		ND		0.100	108	75-125		6020
Chromium	0.386		ND		0.400	96	75-125		6020
Copper	0.557		0.0016	J	0.500	111	75-125		6020
Lead	1.06		ND		1.00	106	75-125		6020
Molybdenum	5.04		ND		5.00	101	75-125		6020
Nickel	1.09		ND		1.00	109	75-125		6020
Selenium	4.18		ND		4.00	105	75-125		6020
Silver	0.636		ND		0.600	106	75-125		6020
Tin	5.01		ND		5.00	100	75-125		6020
Zinc	0.995		ND		1.00	100	75-125		6020

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS - TOTAL RECOVERABLE

Client ID: EB-01-08042011 DU
Lab ID: 580-27847-1 DU
Lab Name: TestAmerica Seattle
Job No.: 580-27847-1
SDG No.:
% Solids for Sample:
% Solids for Duplicate:
Matrix: Water
Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Antimony	0.0020	ND		ND		NC		6020
Arsenic	0.0050	ND		ND		NC		6020
Barium	0.0060	ND		ND		NC		6020
Beryllium	0.0020	ND		ND		NC		6020
Cadmium	0.0020	ND		ND		NC		6020
Chromium	0.0020	ND		ND		NC		6020
Copper	0.0050	0.0016	J	0.00151	J	9		6020
Lead	0.0020	ND		ND		NC		6020
Molybdenum	0.0040	ND		ND		NC		6020
Nickel	0.015	ND		ND		NC		6020
Selenium	0.0050	ND		ND		NC		6020
Silver	0.0020	ND		ND		NC		6020
Tin	0.0070	ND		ND		NC		6020
Zinc	0.0070	ND		ND		NC		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: DUP-01-08052011 DU Lab ID: 580-27847-7 DU

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: mg/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.00020	ND		ND		NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 580-93133/17-A

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

Sample Matrix: Water LCS Source: m-GPS-2_00018

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Antimony	3.00	3.03		101	80	120		6020
Arsenic	4.00	4.12		103	80	120		6020
Barium	4.00	4.14		104	80	120		6020
Beryllium	0.100	0.0989		99	80	120		6020
Cadmium	0.100	0.104		104	80	120		6020
Chromium	0.400	0.388		97	80	120		6020
Copper	0.500	0.528		106	80	120		6020
Lead	1.00	1.08		108	80	120		6020
Molybdenum	5.00	5.17		103	80	120		6020
Nickel	1.00	1.06		106	80	120		6020
Selenium	4.00	4.17		104	80	120		6020
Silver	0.600	0.634		106	80	120		6020
Tin	5.00	5.22		104	80	120		6020
Zinc	1.00	0.991		99	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS - TOTAL RECOVERABLE

Lab ID: LCSD 580-93133/18-A

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

Sample Matrix: Water LCS Source: m-GPS-2_00018

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Antimony	2.99		3.00	100	80-120	2	20		6020
Arsenic	4.05		4.00	101	80-120	2	20		6020
Barium	4.13		4.00	103	80-120	0	20		6020
Beryllium	0.0999		0.100	100	80-120	1	20		6020
Cadmium	0.105		0.100	105	80-120	1	20		6020
Chromium	0.381		0.400	95	80-120	2	20		6020
Copper	0.530		0.500	106	80-120	0	20		6020
Lead	1.04		1.00	104	80-120	3	20		6020
Molybdenum	5.12		5.00	102	80-120	1	20		6020
Nickel	1.07		1.00	107	80-120	1	20		6020
Selenium	4.02		4.00	100	80-120	4	20		6020
Silver	0.641		0.600	107	80-120	1	20		6020
Tin	5.19		5.00	104	80-120	0	20		6020
Zinc	0.983		1.00	98	80-120	1	20		6020

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS - TOTAL RECOVERABLE

Lab ID: LCSSRM 580-93133/19-A

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

Sample Matrix: Water LCS Source: m-GPS-2_00018

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Antimony	3.00	3.08		103	80	120		6020
Arsenic	4.00	4.18		105	80	120		6020
Barium	4.00	4.17		104	80	120		6020
Beryllium	0.100	0.102		102	80	120		6020
Cadmium	0.100	0.109		109	80	120		6020
Chromium	0.400	0.395		99	80	120		6020
Copper	0.500	0.541		108	80	120		6020
Lead	1.00	1.06		106	80	120		6020
Molybdenum	5.00	5.18		104	80	120		6020
Nickel	1.00	1.09		109	80	120		6020
Selenium	4.00	4.20		105	80	120		6020
Silver	0.600	0.642		107	80	120		6020
Tin	5.00	5.33		107	80	120		6020
Zinc	1.00	1.02		102	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-93138/20-A

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00008

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00213		106	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-93138/21-A

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00008

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.00204		0.00200	102	80-120	4	20		7470A

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-93138/22-A

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00008

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00202		101	75	125		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TOTAL RECOVERABLE

Lab ID: 580-27847-1

SDG No:

Lab Name: TestAmerica Seattle Job No: 580-27847-1

Matrix: Water Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Antimony	ND		ND		NC		6020
Arsenic	ND		ND		NC		6020
Barium	ND		ND		NC		6020
Beryllium	ND		ND		NC		6020
Cadmium	ND		ND		NC		6020
Chromium	ND		ND		NC		6020
Copper	0.0016	J	ND		NC		6020
Lead	ND		ND		NC		6020
Molybdenum	ND		ND		NC		6020
Nickel	ND		ND		NC		6020
Selenium	ND		ND		NC		6020
Silver	ND		ND		NC		6020
Tin	ND		ND		NC		6020
Zinc	ND		ND		NC		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job Number: 580-27847-1

SDG Number:

Matrix: Water Instrument ID: SEA026

Method: 6020 MDL Date: 06/10/2011 10:41

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Antimony		0.0004	0.00008
Arsenic		0.001	0.00075
Barium		0.0012	0.000054
Beryllium		0.0004	0.000102
Cadmium		0.0004	0.000028
Chromium		0.0004	0.00027
Copper		0.001	0.00011
Lead		0.0004	0.000034
Molybdenum		0.0008	0.00027
Nickel		0.003	0.00041
Selenium		0.001	0.00071
Silver		0.0004	0.00003
Tin		0.0014	0.0000178
Zinc		0.0014	0.00068

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job Number: 580-27847-1

SDG Number:

Matrix: Water Instrument ID: SEA026

Method: 6020 XMDL Date: 06/24/2011 10:09

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Antimony		0.0004	0.00008
Arsenic		0.001	0.00075
Barium		0.0012	0.000054
Beryllium		0.0004	0.0001
Cadmium		0.0004	0.000028
Chromium		0.0004	0.00027
Copper		0.001	0.000196
Lead		0.0004	0.00004
Molybdenum		0.0008	0.0002
Nickel		0.003	0.0004
Selenium		0.0014	0.00071
Silver		0.0004	0.00003
Tin		0.0014	0.000024
Zinc		0.0014	0.0007

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-27847-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Method: 7470A MDL Date: 06/06/2011 08:34

Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury		0.0002	0.000041

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-27847-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Method: 7470A XMDL Date: 10/02/2008 10:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (ug/L)
Mercury		0.0002	0.000041

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Seattle Job No: 580-27847-1

SDG No.:

Instrument ID: SEA026 Date: 03/01/2010 06:52

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Antimony		4	6020
Arsenic		4	6020
Barium		4	6020
Beryllium		4	6020
Cadmium		4	6020
Chromium		4	6020
Copper		4	6020
Lead		4	6020
Molybdenum		4	6020
Nickel		4	6020
Selenium		4	6020
Silver		4	6020
Tin		4	6020
Zinc		4	6020

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-27847-1	08/18/2011 11:14	93133		50	50
580-27847-1 DU	08/18/2011 11:14	93133		50	50
580-27847-1 MS	08/18/2011 11:14	93133		50	50
580-27847-1 MSD	08/18/2011 11:14	93133		50	50
580-27847-2	08/18/2011 11:14	93133		50	50
580-27847-4	08/18/2011 11:14	93133		50	50
580-27847-5	08/18/2011 11:14	93133		50	50
580-27847-6	08/18/2011 11:14	93133		50	50
580-27847-7	08/18/2011 11:14	93133		50	50
MB 580-93133/16-A	08/18/2011 11:14	93133		50	50
LCS 580-93133/17-A	08/18/2011 11:14	93133		50	50
LCSD 580-93133/18-A	08/18/2011 11:14	93133		50	50
LCSSRM 580-93133/19-A	08/18/2011 11:14	93133		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-27847-7	08/18/2011 11:54	93138		50	50
580-27847-7 DU	08/18/2011 11:54	93138		50	50
580-27847-7 MS	08/18/2011 11:54	93138		50	50
580-27847-7 MSD	08/18/2011 11:54	93138		50	50
580-27847-1	08/18/2011 11:54	93138		50	50
580-27847-2	08/18/2011 11:54	93138		50	50
580-27847-4	08/18/2011 11:54	93138		50	50
580-27847-5	08/18/2011 11:54	93138		50	50
580-27847-6	08/18/2011 11:54	93138		50	50
MB 580-93138/19-A	08/18/2011 11:54	93138		50	50
LCS 580-93138/20-A	08/18/2011 11:54	93138		50	50
LCSD 580-93138/21-A	08/18/2011 11:54	93138		50	50
LCSSRM 580-93138/22-A	08/18/2011 11:54	93138		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 08/19/2011 08:49 End Date: 08/19/2011 14:24

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
STD0 580-93251/1 IC	1		08:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD1 580-93251/2 IC	1		08:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD2 580-93251/3 IC	1		08:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD3 580-93251/4 IC	1		08:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD4 580-93251/5 IC	1		09:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD5 580-93251/6 IC	1		09:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICV 580-93251/7	1		09:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICB 580-93251/8	1		09:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CRI 580-93251/9	1		09:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSA 580-93251/10	1		09:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSAB 580-93251/11	1		09:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-93251/12	1		09:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-93251/13	1		09:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
MB 580-93133/16-A	5	R	09:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-1 SD	25	R	09:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-1	5	R	09:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-1 DU	5	R	10:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-1 MS	50	R	10:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-1 MSD	50	R	10:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-1 PDS	50	R	10:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCS 580-93133/17-A	50	R	10:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSD 580-93133/18-A	50	R	10:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSSRM 580-93133/19-A	50	R	10:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-93251/24	1		10:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-93251/25	1		10:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-2	5	R	10:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-4	5	R	10:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-5	5	R	10:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-6	5	R	10:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27847-7	5	R	10:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			10:45																				
ZZZZZZ			10:48																				
ZZZZZZ			10:51																				
ZZZZZZ			10:54																				
ZZZZZZ			10:57																				
CCV 580-93251/36	1		11:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-93251/37	1		11:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			11:07																				
ZZZZZZ			11:10																				
ZZZZZZ			11:13																				
ZZZZZZ			11:16																				
ZZZZZZ			11:19																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Instrument ID: SEA026 Method: 6020

Start Date: 08/19/2011 08:49 End Date: 08/19/2011 14:24

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
ZZZZZZ			11:22																				
ZZZZZZ			11:25																				
ZZZZZZ			11:28																				
ZZZZZZ			11:32																				
ZZZZZZ			11:35																				
CCV 580-93251/48			11:38																				
CCB 580-93251/49			11:41																				
ZZZZZZ			11:44																				
ZZZZZZ			11:47																				
ZZZZZZ			11:50																				
ZZZZZZ			11:54																				
ZZZZZZ			11:57																				
ZZZZZZ			12:00																				
ZZZZZZ			12:03																				
ZZZZZZ			12:06																				
ZZZZZZ			12:09																				
ZZZZZZ			12:12																				
CCV 580-93251/60			12:16																				
CCB 580-93251/61			12:19																				
ZZZZZZ			12:22																				
ZZZZZZ			12:25																				
ZZZZZZ			12:28																				
CCV 580-93251/65			12:31																				
CCB 580-93251/66			12:34																				
CCV 580-93251/67			14:01																				
CCB 580-93251/68			14:04																				
ZZZZZZ			14:18																				
CCV 580-93251/70			14:21																				
CCB 580-93251/71			14:24																				

Prep Types

R = Total Recoverable

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 08/18/2011 13:51 End Date: 08/18/2011 15:36

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
STD0 580-93176/1 IC			13:51	X																			
STD1 580-93176/2 IC			13:53	X																			
STD2 580-93176/3 IC			13:54	X																			
STD3 580-93176/4 IC			13:56	X																			
STD4 580-93176/5 IC			13:58	X																			
STD5 580-93176/6 IC			13:59	X																			
ICV 580-93176/7	1		14:01	X																			
ICB 580-93176/8	1		14:03	X																			
CCV 580-93176/9			14:07																				
CCB 580-93176/10			14:09																				
ZZZZZZ			14:10																				
ZZZZZZ			14:12																				
ZZZZZZ			14:14																				
ZZZZZZ			14:15																				
ZZZZZZ			14:17																				
ZZZZZZ			14:19																				
ZZZZZZ			14:20																				
ZZZZZZ			14:22																				
ZZZZZZ			14:24																				
ZZZZZZ			14:26																				
CCV 580-93176/21			14:27																				
CCB 580-93176/22			14:29																				
ZZZZZZ			14:31																				
ZZZZZZ			14:32																				
ZZZZZZ			14:34																				
ZZZZZZ			14:36																				
ZZZZZZ			14:37																				
CCV 580-93176/28	1		14:39	X																			
CCB 580-93176/29	1		14:41	X																			
MB 580-93138/19-A	1	T	14:48	X																			
LCS 580-93138/20-A	1	T	14:49	X																			
LCSD 580-93138/21-A	1	T	14:51	X																			
LCSSRM 580-93138/22-A	1	T	14:53	X																			
580-27847-7	1	T	14:54	X																			
580-27847-7 DU	1	T	14:56	X																			
580-27847-7 MS	1	T	14:58	X																			
580-27847-7 MSD	1	T	14:59	X																			
580-27847-1	1	T	15:01	X																			
580-27847-2	1	T	15:03	X																			
CCV 580-93176/40	1		15:04	X																			
CCB 580-93176/41	1		15:06	X																			
580-27847-4	1	T	15:08	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 08/18/2011 13:51 End Date: 08/18/2011 15:36

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
580-27847-5	1	T	15:10	X																				
580-27847-6	1	T	15:11	X																				
ZZZZZZ			15:13																					
ZZZZZZ			15:14																					
ZZZZZZ			15:16																					
ZZZZZZ			15:18																					
ZZZZZZ			15:19																					
ZZZZZZ			15:21																					
ZZZZZZ			15:23																					
CCV 580-93176/52	1		15:24	X																				
CCB 580-93176/53	1		15:26	X																				
ZZZZZZ			15:28																					
ZZZZZZ			15:29																					
ZZZZZZ			15:31																					
ZZZZZZ			15:33																					
CCV 580-93176/58			15:34																					
CCB 580-93176/59			15:36																					

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

ICP-MS Instrument ID: SEA026 Start Date: 08/19/2011 End Date: 08/19/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element Rh	Q	Element Lu	Q
STD0 580-93251/1 IC	08:49										
STD1 580-93251/2 IC	08:53										
STD2 580-93251/3 IC	08:56										
STD3 580-93251/4 IC	08:59										
STD4 580-93251/5 IC	09:02										
STD5 580-93251/6 IC	09:05										
ICV 580-93251/7	09:08										
ICB 580-93251/8	09:11										
CRI 580-93251/9	09:15										
ICSA 580-93251/10	09:18										
ICSAB 580-93251/11	09:21										
CCV 580-93251/12	09:45										
CCB 580-93251/13	09:48										
MB 580-93133/16-A	09:51										
580-27847-1 SD	09:55										
580-27847-1	09:58										
580-27847-1 DU	10:01										
580-27847-1 MS	10:04										
580-27847-1 MSD	10:07										
580-27847-1 PDS	10:10										
LCS 580-93133/17-A	10:13										
LCSD 580-93133/18-A	10:16										
LCSSRM	10:20										
CCV 580-93251/24	10:23										
CCB 580-93251/25	10:26										
580-27847-2	10:29										
580-27847-4	10:32										
580-27847-5	10:35										
580-27847-6	10:38										
580-27847-7	10:41										
CCV 580-93251/36	11:00										
CCB 580-93251/37	11:04										

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Batch Number: 93133 Batch Start Date: 08/18/11 11:14 Batch Analyst: Boardway, Peter A

Batch Method: 3005A Batch End Date: 08/18/11 15:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	m-GPS-1 00021	m-GPS-2 00018	m-GPS-3 00018	m-GPS-4 00020
580-27847-E-1	EB-01-08042011	3005A, 6020	R	50 mL	50 mL				
580-27847-E-1 DU	EB-01-08042011	3005A, 6020	R	50 mL	50 mL				
580-27847-E-1 MS	EB-01-08042011	3005A, 6020	R	50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
580-27847-E-1 MSD	EB-01-08042011	3005A, 6020	R	50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
580-27847-E-2	MW-04-08042011	3005A, 6020	R	50 mL	50 mL				
580-27847-E-4	MW-02-08052011	3005A, 6020	R	50 mL	50 mL				
580-27847-E-5	MW-01-08052011	3005A, 6020	R	50 mL	50 mL				
580-27847-E-6	MW-03-08052011	3005A, 6020	R	50 mL	50 mL				
580-27847-E-7	DUP-01-08052011	3005A, 6020	R	50 mL	50 mL				
MB 580-93133/16		3005A, 6020		50 mL	50 mL				
LCS 580-93133/17		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSD 580-93133/18		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSSRM 580-93133/19		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MS-HgSpk 00011					
580-27847-E-1	EB-01-08042011	3005A, 6020	R						
580-27847-E-1 DU	EB-01-08042011	3005A, 6020	R						
580-27847-E-1 MS	EB-01-08042011	3005A, 6020	R	1 mL					
580-27847-E-1 MSD	EB-01-08042011	3005A, 6020	R	1 mL					
580-27847-E-2	MW-04-08042011	3005A, 6020	R						
580-27847-E-4	MW-02-08052011	3005A, 6020	R						
580-27847-E-5	MW-01-08052011	3005A, 6020	R						
580-27847-E-6	MW-03-08052011	3005A, 6020	R						
580-27847-E-7	DUP-01-08052011	3005A, 6020	R						
MB 580-93133/16		3005A, 6020							
LCS 580-93133/17		3005A, 6020		1 mL					
LCSD 580-93133/18		3005A, 6020		1 mL					

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Batch Number: 93133 Batch Start Date: 08/18/11 11:14 Batch Analyst: Boardway, Peter A

Batch Method: 3005A Batch End Date: 08/18/11 15:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	MS-HgSpk 00011					
LCSSRM 580-93133/19		3005A, 6020		1 mL					

Batch Notes	
Lot # of hydrochloric acid	769835
Lot # of Nitric Acid	744520
Hood ID or number	06
Hot Block ID number	38009
Oven, Bath or Block Temperature 1	93.5 CORRECTED-TEMP
Pipette ID	20051014
ID number of the thermometer	15-041-1A-A
Digestion Tube/Cup Lot #	745282
Uncorrected Temperature	95 Celsius

Basis	Basis Description
R	Total Recoverable

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Batch Number: 93138 Batch Start Date: 08/18/11 11:54 Batch Analyst: Boardway, Peter A

Batch Method: 7470A Batch End Date: 08/18/11 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Hg_CAL_WORK 00008			
580-27847-E-7	DUP-01-08052011	7470A, 7470A	T	50 mL	50 mL				
580-27847-E-7 DU	DUP-01-08052011	7470A, 7470A	T	50 mL	50 mL				
580-27847-E-7 MS	DUP-01-08052011	7470A, 7470A	T	50 mL	50 mL	1 mL			
580-27847-E-7 MSD	DUP-01-08052011	7470A, 7470A	T	50 mL	50 mL	1 mL			
580-27847-E-1	EB-01-08042011	7470A, 7470A	T	50 mL	50 mL				
580-27847-E-2	MW-04-08042011	7470A, 7470A	T	50 mL	50 mL				
580-27847-E-4	MW-02-08052011	7470A, 7470A	T	50 mL	50 mL				
580-27847-E-5	MW-01-08052011	7470A, 7470A	T	50 mL	50 mL				
580-27847-E-6	MW-03-08052011	7470A, 7470A	T	50 mL	50 mL				
MB 580-93138/19		7470A, 7470A		50 mL	50 mL				
LCS 580-93138/20		7470A, 7470A		50 mL	50 mL	1 mL			
LCSD 580-93138/21		7470A, 7470A		50 mL	50 mL	1 mL			
LCSSRM 580-93138/22		7470A, 7470A		50 mL	50 mL	1 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	745486
Sulfuric Acid Lot Number	709195
Lot # of Nitric Acid	744520
Hood ID or number	06
Hot Block ID number	38009
Potassium Persulfate Lot Number	654652
Potassium Permanganate Lot Number	654649
NaCL Lot #	654642
Pipette ID	20051014
Stannous Chloride Lot Number	745488
Temperature	93.5 CORRECTED-TEMP
ID number of the thermometer	15-041-1A-A
Digestion Tube/Cup Lot #	745282
Uncorrected Temperature	95 Celsius

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Batch Number: 93138 Batch Start Date: 08/18/11 11:54 Batch Analyst: Boardway, Peter A

Batch Method: 7470A Batch End Date: 08/18/11 14:00

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-27847-1

SDG No.:

Project: GE Yakima-Yakima, WA

Client Sample ID	Lab Sample ID
EB-01-08042011	580-27847-1
MW-04-08042011	580-27847-2
MW-02-08052011	580-27847-4
MW-01-08052011	580-27847-5
MW-03-08052011	580-27847-6
DUP-01-08052011	580-27847-7

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EB-01-08042011 Lab Sample ID: 580-27847-1

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/04/2011 07:53

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L		H	1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-04-08042011 Lab Sample ID: 580-27847-2

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/04/2011 19:46

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L		H	1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-02-08052011 Lab Sample ID: 580-27847-4

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 09:38

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L		H	1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-01-08052011 Lab Sample ID: 580-27847-5

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 12:29

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-03-08052011 Lab Sample ID: 580-27847-6

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 15:59

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-01-08052011 Lab Sample ID: 580-27847-7

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2011 00:00

Reporting Basis: WET Date Received: 08/06/2011 10:20

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Analyst: SH Batch Start Date: 08/06/2011

Reporting Units: mg/L Analytical Batch No.: 92180

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	11:40	Chromium, hexavalent	0.190	0.200	95	90-110		Hex Cr Spk_00007
2	ICB	11:40	Chromium, hexavalent	ND					
10	CCV	11:40	Chromium, hexavalent	0.191	0.200	96	90-110		Hex Cr Spk_00007
11	CCB	11:40	Chromium, hexavalent	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Analyst: SH Batch Start Date: 08/10/2011

Reporting Units: mg/L Analytical Batch No.: 92517

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	16:57	Chromium, hexavalent	0.208	0.200	104	90-110		Hex Cr Spk_00008
2	ICB	16:57	Chromium, hexavalent	ND					
10	CCV	16:57	Chromium, hexavalent	0.208	0.200	104	90-110		Hex Cr Spk_00008
11	CCB	16:57	Chromium, hexavalent	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 92180	Date: 08/06/2011 11:40						
SM 3500 CR D	MB 580-92180/3	Chromium, hexavalent	ND		mg/L	0.010	1
Batch ID: 92517	Date: 08/10/2011 16:57						
SM 3500 CR D	MB 580-92517/3	Chromium, hexavalent	ND		mg/L	0.010	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 92180		Date: 08/06/2011 11:40									
SM 3500 CR D	580-27847-5	Chromium, hexavalent	ND		mg/L						
SM 3500 CR D	580-27847-5 MS	Chromium, hexavalent	0.202		mg/L	0.200	101	85-115			
Batch ID: 92517		Date: 08/10/2011 16:57									
SM 3500 CR D	580-27847-1	Chromium, hexavalent	ND		mg/L						H
SM 3500 CR D	580-27847-1 MS	Chromium, hexavalent	0.193		mg/L	0.200	97	85-115			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 92180 Date: 08/06/2011 11:40								
SM 3500 CR D	MW-01-08052011	580-27847-5	Chromium, hexavalent	ND	mg/L			
SM 3500 CR D	MW-01-08052011	580-27847-5 DU	Chromium, hexavalent	ND	mg/L	NC	25	
Batch ID: 92517 Date: 08/10/2011 16:57								
SM 3500 CR D	EB-01-08042011	580-27847-1	Chromium, hexavalent	ND	mg/L			
SM 3500 CR D	EB-01-08042011	580-27847-1 DU	Chromium, hexavalent	ND	mg/L	NC	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 92180	Date: 08/06/2011 11:40										
						LCS Source: Hex Cr Spk_00007					
SM 3500 CR D	LCS 580-92180/4	Chromium, hexavalent	0.189		mg/L	0.200	95	90-110			
Batch ID: 92517	Date: 08/10/2011 16:57										
						LCS Source: Hex Cr Spk_00008					
SM 3500 CR D	LCS 580-92517/4	Chromium, hexavalent	0.208		mg/L	0.200	104	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-27847-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 3500 CR D MDL Date: 06/02/2011 13:52

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chromium, hexavalent		0.01	0.006

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-27847-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 3500 CR D XMDL Date: 06/02/2011 13:48

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chromium, hexavalent		0.01	0.006

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 3500 CR D

Start Date: 08/06/2011 11:40 End Date: 08/06/2011 11:40

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cr6																				
ICV 580-92180/1	1		11:40	X																				
ICB 580-92180/2	1		11:40	X																				
MB 580-92180/3	1	T	11:40	X																				
LCS 580-92180/4	1	T	11:40	X																				
580-27847-5	1	T	11:40	X																				
580-27847-5 DU	1	T	11:40	X																				
580-27847-5 MS	1	T	11:40	X																				
580-27847-6	1	T	11:40	X																				
580-27847-7	1	T	11:40	X																				
CCV 580-92180/10	1		11:40	X																				
CCB 580-92180/11	1		11:40	X																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 3500 CR D

Start Date: 08/10/2011 16:57 End Date: 08/10/2011 16:57

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cr6																				
ICV 580-92517/1	1		16:57	X																				
ICB 580-92517/2	1		16:57	X																				
MB 580-92517/3	1	T	16:57	X																				
LCS 580-92517/4	1	T	16:57	X																				
580-27847-1	1	T	16:57	X																				
580-27847-1 DU	1	T	16:57	X																				
580-27847-1 MS	1	T	16:57	X																				
580-27847-2	1	T	16:57	X																				
580-27847-4	1	T	16:57	X																				
CCV 580-92517/10	1		16:57	X																				
CCB 580-92517/11	1		16:57	X																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Batch Number: 92180 Batch Start Date: 08/06/11 11:40 Batch Analyst: Hawn, Stevie

Batch Method: SM 3500 CR D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CalcMsg	Hex Cr Spk 00007		
ICV 580-92180/1		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
ICB 580-92180/2		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			
MB 580-92180/3		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			
LCS 580-92180/4		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
580-27847-C-5	MW-01-08052011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27847-C-5 DU	MW-01-08052011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27847-C-5 MS	MW-01-08052011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank	100 uL		
580-27847-C-6	MW-03-08052011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27847-C-7	DUP-01-08052011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
CCV 580-92180/10		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
CCB 580-92180/11		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			

Batch Notes	

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27847-1

SDG No.:

Batch Number: 92517 Batch Start Date: 08/10/11 16:57 Batch Analyst: Hawn, Stevie

Batch Method: SM 3500 CR D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CalcMsg	Hex Cr Spk 00008		
ICV 580-92517/1		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
ICB 580-92517/2		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			
MB 580-92517/3		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			
LCS 580-92517/4		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
580-27847-A-1	EB-01-08042011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27847-A-1 DU	EB-01-08042011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27847-A-1 MS	EB-01-08042011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank	100 uL		
580-27847-A-2	MW-04-08042011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27847-A-4	MW-02-08052011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
CCV 580-92517/10		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
CCB 580-92517/11		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			

Batch Notes	
Spectrophotometer Cell Path Length	5cm cm
Color Reagent ID Number	705870
First End time	1636
pH Range	0.7to1.3
First Start time	1626
Sulfuric Acid Reagent ID Number	593583

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 580-27847-1

Login Number: 27847

List Source: TestAmerica Seattle

List Number: 1

Creator: Kalicki, Samantha

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time.	False	Samples placed "ON HOLD" are outside of their hold time.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

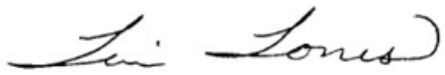
ANALYTICAL REPORT

Job Number: 580-27877-1

Job Description: GE Yakima-Yakima,WA

For:
MWH Americas Inc
5100 SW Macadam Ave.
Ste 420
Portland, OR 97239

Attention: Mr. Joseph M Rock



Approved for release.
Terri L Torres
Project Manager II
8/24/2011 5:27 PM

Designee for
Kristine Allen
Project Manager I
kristine.allen@testamericainc.com
08/24/2011

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This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

Table of Contents

Cover Title Page 1

Data Summaries 5

- Report Narrative 5
- Sample Summary 7
- Executive Summary 8
- Method Summary 9
- Method / Analyst Summary 10
- Sample Datasheets 11
- Surrogate Summary 33
- QC Data Summary 34
- Data Qualifiers 44
- QC Association Summary 45
- Lab Chronicle 48
- Reagent Traceability 52
- Certification Summary 62

Organic Sample Data 63

- GC/MS VOA 63
  - Method 8260B 63
    - Method 8260B QC Summary 64
    - Method 8260B Sample Data 72
    - Standards Data 84
      - Method 8260B ICAL Data 84
      - Method 8260B CCAL Data 96
    - Raw QC Data 106
      - Method 8260B Blank Data 106
      - Method 8260B LCS/LCSD Data 108

Table of Contents

Method 8260B Run Logs 110

Inorganic Sample Data 112

Metals Data 112

Met Cover Page 113

Met Sample Data 114

Met QC Data 124

Met ICV/CCV 124

Met CRQL 128

Met Blanks 129

Met ICSA/ICSAB 133

Met LCS/LCSD 136

Met MDL 142

Met Linear Ranges 146

Met Preparation Log 147

Met Analysis Run Log 149

Met ICP/MS Int Stds 153

Met Prep Data 155

General Chemistry Data 158

Gen Chem Cover Page 159

Gen Chem Sample Data 160

Gen Chem QC Data 165

Gen Chem ICV/CCV 165

Gen Chem Blanks 166

Gen Chem MS/MSD/PDS 167

Gen Chem Duplicates 168

Gen Chem LCS/LCSD 169

Table of Contents

Gen Chem MDL 170

Gen Chem Analysis Run Log 172

Gen Chem Prep Data 173

Shipping and Receiving Documents 174

Client Chain of Custody 175

Sample Receipt Checklist 176

CASE NARRATIVE

Client: MWH Americas Inc
Project: GE Yakima-Yakima,WA
Report Number: 580-27877-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Limits of Quantitation (LOQs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the LOQs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interfererences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 08/09/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.1 C.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): TB-02-08082011 (580-27877-2). The container labels list TB1-08082011. The COC lists TB02-08082011. Sample logged in per COC.

The Lab received 4 trip blanks and not 2 as listed on the COC.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples MW-06-08082011 (580-27877-1), TB-02-08082011 (580-27877-2), EW-A-08082011 (580-27877-3), EW-B-08082011 (580-27877-4), MW-07-08082011 (580-27877-5) and MW-05-08082011 (580-27877-6) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/16/2011.

Methylene Chloride was detected in method blank MB 580-92970/4 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the VOC analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)
Samples MW-06-08082011 (580-27877-1), EW-A-08082011 (580-27877-3), EW-B-08082011 (580-27877-4), MW-07-08082011 (580-27877-5) and MW-05-08082011 (580-27877-6) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 08/09/2011 and analyzed on 08/10/2011.

For Molybdenum, the ICP-MS ICSA standard contains trace impurities derived from the manufacturing process, which may cause these standards to fail method QC criteria. Regrettably corrective action can not be performed for any outliers other than to note deficiencies in the laboratory’s QC report section. The data was qualified “^” and reported.

Barium and Tin were detected in method blank MB 580-92342/16-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples MW-06-08082011 (580-27877-1), EW-A-08082011 (580-27877-3), EW-B-08082011 (580-27877-4), MW-07-08082011 (580-27877-5) and MW-05-08082011 (580-27877-6) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A.

The samples were prepared and analyzed on 08/09/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples MW-06-08082011 (580-27877-1), EW-A-08082011 (580-27877-3), EW-B-08082011 (580-27877-4), MW-07-08082011 (580-27877-5) and MW-05-08082011 (580-27877-6) were analyzed for hexavalent chromium in accordance with SM19 3500 CR D. The samples were analyzed on 08/09/2011.

No difficulties were encountered during the hexavalent chromium analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: MWH Americas Inc

Job Number: 580-27877-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-27877-1	MW-06-08082011	Water	08/08/2011 0806	08/09/2011 0700
580-27877-2	TB-02-08082011	Water	08/08/2011 0800	08/09/2011 0700
580-27877-3	EW-A-08082011	Water	08/08/2011 1048	08/09/2011 0700
580-27877-4	EW-B-08082011	Water	08/08/2011 1223	08/09/2011 0700
580-27877-5	MW-07-08082011	Water	08/08/2011 1439	08/09/2011 0700
580-27877-6	MW-05-08082011	Water	08/08/2011 1607	08/09/2011 0700

EXECUTIVE SUMMARY - Detections

Client: MWH Americas Inc

Job Number: 580-27877-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
580-27877-1	**MW-06-08082011**					
Total Recoverable						
Barium		0.062	B	0.0060	mg/L	6020
Chromium		0.0019	J	0.0020	mg/L	6020
Copper		0.0022	J	0.0050	mg/L	6020
Molybdenum		0.0017	J ^	0.0040	mg/L	6020
Tin		0.0010	J B	0.0070	mg/L	6020
580-27877-3	**EW-A-08082011**					
Total Recoverable						
Barium		0.060	B	0.0060	mg/L	6020
Chromium		0.0018	J	0.0020	mg/L	6020
Copper		0.0020	J	0.0050	mg/L	6020
Tin		0.00073	J B	0.0070	mg/L	6020
Zinc		0.0036	J	0.0070	mg/L	6020
580-27877-4	**EW-B-08082011**					
Total Recoverable						
Barium		0.055	B	0.0060	mg/L	6020
Chromium		0.0016	J	0.0020	mg/L	6020
Copper		0.0016	J	0.0050	mg/L	6020
Silver		0.00025	J	0.0020	mg/L	6020
Tin		0.00061	J B	0.0070	mg/L	6020
580-27877-5	**MW-07-08082011**					
Total Recoverable						
Barium		0.058	B	0.0060	mg/L	6020
Chromium		0.0015	J	0.0020	mg/L	6020
Copper		0.0027	J	0.0050	mg/L	6020
Tin		0.00057	J B	0.0070	mg/L	6020
580-27877-6	**MW-05-08082011**					
Total Recoverable						
Barium		0.053	B	0.0060	mg/L	6020
Copper		0.0019	J	0.0050	mg/L	6020
Tin		0.00045	J B	0.0070	mg/L	6020

METHOD SUMMARY

Client: MWH Americas Inc

Job Number: 580-27877-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SEA	SW846 8260B	
Purge and Trap	TAL SEA		SW846 5030B
Metals (ICP/MS)	TAL SEA	SW846 6020	
Preparation, Total Recoverable or Dissolved Metals	TAL SEA		SW846 3005A
Mercury (CVAA)	TAL SEA	SW846 7470A	
Preparation, Mercury	TAL SEA		SW846 7470A
Chromium, Hexavalent	TAL SEA	SM SM 3500 CR D	

Lab References:

TAL SEA = TestAmerica Seattle

Method References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: MWH Americas Inc

Job Number: 580-27877-1

Method	Analyst	Analyst ID
SW846 8260B	Kreidermacher, Scott	SK
SW846 6020	Woo, Fred C	FCW
SW846 7470A	Boardway, Peter A	PAB
SM SM 3500 CR D	Hawn, Stevie	SH

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **MW-06-08082011**

Lab Sample ID: 580-27877-1
Client Matrix: Water

Date Sampled: 08/08/2011 0806
Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016689.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1903			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1903				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27877-1

Client Sample ID: **MW-06-08082011**

Lab Sample ID: 580-27877-1 | Date Sampled: 08/08/2011 0806
Client Matrix: Water | Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016689.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1903			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1903				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	102		80 - 120
Toluene-d8 (Surr)	99		85 - 120
Ethylbenzene-d10	101		80 - 120
4-Bromofluorobenzene (Surr)	98		75 - 120
Trifluorotoluene (Surr)	100		80 - 120

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **TB-02-08082011**

Lab Sample ID: 580-27877-2
Client Matrix: Water

Date Sampled: 08/08/2011 0800
Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016687.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1810			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1810				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27877-1

Client Sample ID: **TB-02-08082011**

Lab Sample ID: 580-27877-2 | Date Sampled: 08/08/2011 0800
Client Matrix: Water | Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016687.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1810			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1810				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		80 - 120
Toluene-d8 (Surr)	98		85 - 120
Ethylbenzene-d10	100		80 - 120
4-Bromofluorobenzene (Surr)	98		75 - 120
Trifluorotoluene (Surr)	101		80 - 120

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **EW-A-08082011**

Lab Sample ID: 580-27877-3
Client Matrix: Water

Date Sampled: 08/08/2011 1048
Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016690.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1929			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1929				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **EW-A-08082011**

Lab Sample ID: 580-27877-3
Client Matrix: Water

Date Sampled: 08/08/2011 1048
Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016690.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1929			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1929				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	103		80 - 120
Toluene-d8 (Surr)	99		85 - 120
Ethylbenzene-d10	99		80 - 120
4-Bromofluorobenzene (Surr)	95		75 - 120
Trifluorotoluene (Surr)	103		80 - 120

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **EW-B-08082011**

Lab Sample ID: 580-27877-4
Client Matrix: Water

Date Sampled: 08/08/2011 1223
Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016691.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1956			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **EW-B-08082011**

Lab Sample ID: 580-27877-4
Client Matrix: Water

Date Sampled: 08/08/2011 1223
Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016691.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1956			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		80 - 120
Toluene-d8 (Surr)	98		85 - 120
Ethylbenzene-d10	98		80 - 120
4-Bromofluorobenzene (Surr)	97		75 - 120
Trifluorotoluene (Surr)	101		80 - 120

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **MW-07-08082011**

Lab Sample ID: 580-27877-5
Client Matrix: Water

Date Sampled: 08/08/2011 1439
Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016692.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2022			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2022				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27877-1

Client Sample ID: **MW-07-08082011**

Lab Sample ID: 580-27877-5 | Date Sampled: 08/08/2011 1439
Client Matrix: Water | Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016692.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2022			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2022				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		80 - 120
Toluene-d8 (Surr)	98		85 - 120
Ethylbenzene-d10	97		80 - 120
4-Bromofluorobenzene (Surr)	96		75 - 120
Trifluorotoluene (Surr)	104		80 - 120

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **MW-05-08082011**

Lab Sample ID: 580-27877-6
Client Matrix: Water

Date Sampled: 08/08/2011 1607
Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016693.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2049			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	ND		0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0
4-Chlorotoluene	ND		0.15	1.0

Client: MWH Americas Inc | Job Number: 580-27877-1

Client Sample ID: **MW-05-08082011**

Lab Sample ID: 580-27877-6 | Date Sampled: 08/08/2011 1607
Client Matrix: Water | Date Received: 08/09/2011 0700

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	580-92970	Instrument ID:	TAC001
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3016693.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 2049			Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 2049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	104		80 - 120
Toluene-d8 (Surr)	99		85 - 120
Ethylbenzene-d10	100		80 - 120
4-Bromofluorobenzene (Surr)	95		75 - 120
Trifluorotoluene (Surr)	103		80 - 120

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **MW-06-08082011**

Lab Sample ID: 580-27877-1
Client Matrix: Water

Date Sampled: 08/08/2011 0806
Date Received: 08/09/2011 0700

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-92503	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-92342	Lab File ID:	064SMPL.D#.raw
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1311			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1038				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.062	B	0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0019	J	0.0014	0.0020
Copper	0.0022	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	0.0017	J ^	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.0010	J B	0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-92416	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1653			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1358				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **EW-A-08082011**

Lab Sample ID: 580-27877-3
Client Matrix: Water

Date Sampled: 08/08/2011 1048
Date Received: 08/09/2011 0700

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-92503	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-92342	Lab File ID:	065SMPL.D#.raw
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1315			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1038				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.060	B	0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0018	J	0.0014	0.0020
Copper	0.0020	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND	^	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.00073	J B	0.000089	0.0070
Zinc	0.0036	J	0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-92416	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1655			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1358				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **EW-B-08082011**

Lab Sample ID: 580-27877-4
Client Matrix: Water

Date Sampled: 08/08/2011 1223
Date Received: 08/09/2011 0700

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-92503	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-92342	Lab File ID:	066SMPL.D#.raw
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1320			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1038				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.055	B	0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0016	J	0.0014	0.0020
Copper	0.0016	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND	^	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	0.00025	J	0.00015	0.0020
Tin	0.00061	J B	0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-92416	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1657			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1358				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **MW-07-08082011**

Lab Sample ID: 580-27877-5
Client Matrix: Water

Date Sampled: 08/08/2011 1439
Date Received: 08/09/2011 0700

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-92503	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-92342	Lab File ID:	067SMPL.D#.raw
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1325			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1425				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.058	B	0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	0.0015	J	0.0014	0.0020
Copper	0.0027	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND	^	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.00057	J B	0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-92416	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1658			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1358				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

Client: MWH Americas Inc

Job Number: 580-27877-1

Client Sample ID: **MW-05-08082011**

Lab Sample ID: 580-27877-6
Client Matrix: Water

Date Sampled: 08/08/2011 1607
Date Received: 08/09/2011 0700

6020 Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020	Analysis Batch:	580-92503	Instrument ID:	SEA044
Prep Method:	3005A	Prep Batch:	580-92342	Lab File ID:	068SMPL.D#.raw
Dilution:	5.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1330			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1425				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.053	B	0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.0014	0.0020
Copper	0.0019	J	0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND	^	0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.00045	J B	0.000089	0.0070
Zinc	ND		0.0034	0.0070

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	580-92416	Instrument ID:	TAC103
Prep Method:	7470A	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1700			Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1358				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.000041	0.00020

General Chemistry

Client Sample ID: **MW-06-08082011**

Lab Sample ID: 580-27877-1 Date Sampled: 08/08/2011 0806

Client Matrix: Water Date Received: 08/09/2011 0700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92343 Analysis Date: 08/09/2011 0805

General Chemistry

Client Sample ID: **EW-A-08082011**

Lab Sample ID: 580-27877-3 Date Sampled: 08/08/2011 1048

Client Matrix: Water Date Received: 08/09/2011 0700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92343 Analysis Date: 08/09/2011 0805

General Chemistry

Client Sample ID: **EW-B-08082011**

Lab Sample ID: 580-27877-4 Date Sampled: 08/08/2011 1223

Client Matrix: Water Date Received: 08/09/2011 0700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92343 Analysis Date: 08/09/2011 0805

General Chemistry

Client Sample ID: **MW-07-08082011**

Lab Sample ID: 580-27877-5 Date Sampled: 08/08/2011 1439

Client Matrix: Water Date Received: 08/09/2011 0700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92343 Analysis Date: 08/09/2011 0805

General Chemistry

Client Sample ID: **MW-05-08082011**

Lab Sample ID: 580-27877-6 Date Sampled: 08/08/2011 1607

Client Matrix: Water Date Received: 08/09/2011 0700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chromium, hexavalent	ND		mg/L	0.0060	0.010	1.0	SM 3500 CR D

Analysis Batch: 580-92343 Analysis Date: 08/09/2011 0805

Client: MWH Americas Inc

Job Number: 580-27877-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	FB %Rec	TFT %Rec	TOL %Rec	EBD10 %Rec	BFB %Rec
580-27877-1	MW-06-08082011	102	100	99	101	98
580-27877-2	TB-02-08082011	104	101	98	100	98
580-27877-3	EW-A-08082011	103	103	99	99	95
580-27877-4	EW-B-08082011	104	101	98	98	97
580-27877-5	MW-07-08082011	104	104	98	97	96
580-27877-6	MW-05-08082011	104	103	99	100	95
MB 580-92970/4		103	106	101	99	95
LCS 580-92970/5		105	102	98	98	95
LCSD 580-92970/6		103	101	100	100	97

Surrogate	Acceptance Limits
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: MWH Americas Inc

Job Number: 580-27877-1

Method Blank - Batch: 580-92970

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 580-92970/4	Analysis Batch:	580-92970	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3016681.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1531	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1531				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	ND		0.15	1.0
Chloromethane	ND		0.75	5.0
Vinyl chloride	ND		0.15	1.0
Bromomethane	ND		0.75	5.0
Chloroethane	ND		0.75	5.0
Trichlorofluoromethane	ND		0.15	1.0
1,1-Dichloroethene	ND		0.15	1.0
Methylene Chloride	0.195	J	0.15	3.0
trans-1,2-Dichloroethene	ND		0.15	1.0
1,1-Dichloroethane	ND		0.15	1.0
2,2-Dichloropropane	ND		0.15	1.0
cis-1,2-Dichloroethene	ND		0.15	1.0
Chlorobromomethane	ND		0.24	1.0
Chloroform	ND		0.15	1.0
1,1,1-Trichloroethane	ND		0.15	1.0
Carbon tetrachloride	ND		0.15	1.0
1,1-Dichloropropene	ND		0.15	1.0
Benzene	ND		0.15	1.0
1,2-Dichloroethane	ND		0.15	1.0
Trichloroethene	ND		0.15	1.0
1,2-Dichloropropane	ND		0.15	1.0
Dibromomethane	ND		0.15	1.0
Dichlorobromomethane	ND		0.15	1.0
cis-1,3-Dichloropropene	ND		0.15	1.0
Toluene	ND		0.15	1.0
trans-1,3-Dichloropropene	ND		0.15	1.0
1,1,2-Trichloroethane	ND		0.15	1.0
Tetrachloroethene	ND		0.15	1.0
1,3-Dichloropropane	ND		0.15	1.0
Chlorodibromomethane	ND		0.32	1.0
Ethylene Dibromide	ND		0.31	1.0
Chlorobenzene	ND		0.15	1.0
Ethylbenzene	ND		0.15	1.0
1,1,1,2-Tetrachloroethane	ND		0.15	1.0
1,1,2,2-Tetrachloroethane	ND		0.15	1.0
m-Xylene & p-Xylene	ND		0.30	2.0
o-Xylene	ND		0.15	1.0
Styrene	ND		0.15	1.0
Bromoform	ND		0.15	1.0
Isopropylbenzene	ND		0.15	1.0
Bromobenzene	ND		0.15	1.0
N-Propylbenzene	ND		0.15	1.0
1,2,3-Trichloropropane	ND		0.15	1.0
2-Chlorotoluene	ND		0.15	1.0
1,3,5-Trimethylbenzene	ND		0.15	1.0

Client: MWH Americas Inc

Job Number: 580-27877-1

Method Blank - Batch: 580-92970

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 580-92970/4	Analysis Batch:	580-92970	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3016681.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1531	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1531				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Chlorotoluene	ND		0.15	1.0
tert-Butylbenzene	ND		0.15	1.0
1,2,4-Trimethylbenzene	ND		0.15	1.0
sec-Butylbenzene	ND		0.15	1.0
1,3-Dichlorobenzene	ND		0.15	1.0
4-Isopropyltoluene	ND		0.15	1.0
1,4-Dichlorobenzene	ND		0.15	1.0
n-Butylbenzene	ND		0.15	1.0
1,2-Dichlorobenzene	ND		0.15	1.0
1,2-Dibromo-3-Chloropropane	ND		0.52	2.0
1,2,4-Trichlorobenzene	ND		0.15	1.0
1,2,3-Trichlorobenzene	ND		0.15	1.0
Hexachlorobutadiene	ND		0.15	1.0
Naphthalene	ND		0.15	1.0
Methyl tert-butyl ether	ND		0.15	1.0

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	103	80 - 120
Toluene-d8 (Surr)	101	85 - 120
Ethylbenzene-d10	99	80 - 120
4-Bromofluorobenzene (Surr)	95	75 - 120
Trifluorotoluene (Surr)	106	80 - 120

Client: MWH Americas Inc

Job Number: 580-27877-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-92970

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 580-92970/5	Analysis Batch:	580-92970	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3016682.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1558	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1558				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-92970/6	Analysis Batch:	580-92970	Instrument ID:	TAC001
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3016683.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	08/16/2011 1624	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	08/16/2011 1624				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	113	113	70 - 130	0	30		
Benzene	114	111	80 - 120	3	30		
Trichloroethene	104	103	70 - 125	1	30		
Toluene	108	109	75 - 120	1	30		
Chlorobenzene	104	106	80 - 120	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	105	103	80 - 120
Toluene-d8 (Surr)	98	100	85 - 120
Ethylbenzene-d10	98	100	80 - 120
4-Bromofluorobenzene (Surr)	95	97	75 - 120
Trifluorotoluene (Surr)	102	101	80 - 120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-92970

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 580-92970/5	Units:	ug/L	LCSD Lab Sample ID:	LCSD 580-92970/6
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/16/2011 1558			Analysis Date:	08/16/2011 1624
Prep Date:	08/16/2011 1558			Prep Date:	08/16/2011 1624
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1-Dichloroethene	20.1	20.1	22.6	22.7
Benzene	20.1	20.1	22.9	22.3
Trichloroethene	20.1	20.1	20.8	20.6
Toluene	20.1	20.1	21.6	21.8
Chlorobenzene	20.1	20.1	20.9	21.2

Method Blank - Batch: 580-92342

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 580-92342/16-A	Analysis Batch:	580-92503	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-92342	Lab File ID:	051SMPL.D#.raw
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1208	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1425				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Antimony	ND		0.00040	0.0020
Arsenic	ND		0.0038	0.0050
Barium	0.000415	J	0.00027	0.0060
Beryllium	ND		0.00051	0.0020
Cadmium	ND		0.00014	0.0020
Chromium	ND		0.0014	0.0020
Copper	ND		0.00055	0.0050
Lead	ND		0.00017	0.0020
Molybdenum	ND		0.0014	0.0040
Nickel	ND		0.0021	0.015
Selenium	ND		0.0036	0.0050
Silver	ND		0.00015	0.0020
Tin	0.000299	J	0.000089	0.0070
Zinc	ND		0.0034	0.0070

LCS-Certified Reference Material - Batch: 580-92342

Method: 6020
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCSSRM	Analysis Batch:	580-92503	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-92342	Lab File ID:	060SMPL.D#.raw
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1252	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1426				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	3.00	2.82	94	80 - 120	
Arsenic	4.00	3.83	96	80 - 120	
Barium	4.00	3.90	97	80 - 120	
Beryllium	0.100	0.0918	92	80 - 120	
Cadmium	0.100	0.0955	95	80 - 120	
Chromium	0.400	0.374	94	80 - 120	
Copper	0.500	0.469	94	80 - 120	
Lead	1.00	0.971	97	80 - 120	
Molybdenum	5.00	4.69	94	80 - 120	
Nickel	1.00	0.950	95	80 - 120	
Selenium	4.00	3.94	98	80 - 120	
Silver	0.600	0.591	99	80 - 120	
Tin	5.00	4.88	98	80 - 120	
Zinc	1.00	1.16	116	80 - 120	

Client: MWH Americas Inc

Job Number: 580-27877-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-92342

Method: 6020
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 580-92342/17-A	Analysis Batch:	580-92503	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-92342	Lab File ID:	058SMPL.D#.raw
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1242	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1426				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-92342/18-A	Analysis Batch:	580-92503	Instrument ID:	SEA044
Client Matrix:	Water	Prep Batch:	580-92342	Lab File ID:	059SMPL.D#.raw
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/10/2011 1247	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1426				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Antimony	94	95	80 - 120	1	20		
Arsenic	96	97	80 - 120	1	20		
Barium	99	99	80 - 120	1	20		
Beryllium	94	96	80 - 120	2	20		
Cadmium	96	97	80 - 120	0	20		
Chromium	94	95	80 - 120	1	20		
Copper	95	96	80 - 120	1	20		
Lead	97	98	80 - 120	1	20		
Molybdenum	95	96	80 - 120	1	20		
Nickel	95	96	80 - 120	1	20		
Selenium	98	99	80 - 120	2	20		
Silver	100	100	80 - 120	0	20		
Tin	99	101	80 - 120	2	20		
Zinc	97	99	80 - 120	2	20		

Client: MWH Americas Inc

Job Number: 580-27877-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-92342

Method: 6020
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 580-92342/17-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 580-92342/18-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	50			Dilution:	50
Analysis Date:	08/10/2011 1242			Analysis Date:	08/10/2011 1247
Prep Date:	08/09/2011 1426			Prep Date:	08/09/2011 1426
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Antimony	3.00	3.00	2.83	2.86
Arsenic	4.00	4.00	3.84	3.89
Barium	4.00	4.00	3.94	3.98
Beryllium	0.100	0.100	0.0940	0.0959
Cadmium	0.100	0.100	0.0964	0.0966
Chromium	0.400	0.400	0.375	0.380
Copper	0.500	0.500	0.474	0.479
Lead	1.00	1.00	0.970	0.976
Molybdenum	5.00	5.00	4.77	4.81
Nickel	1.00	1.00	0.950	0.960
Selenium	4.00	4.00	3.91	3.97
Silver	0.600	0.600	0.600	0.601
Tin	5.00	5.00	4.94	5.03
Zinc	1.00	1.00	0.971	0.990

Client: MWH Americas Inc

Job Number: 580-27877-1

Method Blank - Batch: 580-92388

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 580-92388/23-A	Analysis Batch:	580-92416	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1633	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1401				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.000041	0.00020

LCS-Certified Reference Material - Batch: 580-92388

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCSSRM	Analysis Batch:	580-92416	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1638	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1401				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00200	0.00207	104	75 - 125	

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 580-92388

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID:	LCS 580-92388/24-A	Analysis Batch:	580-92416	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1635	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1401				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 580-92388/25-A	Analysis Batch:	580-92416	Instrument ID:	TAC103
Client Matrix:	Water	Prep Batch:	580-92388	Lab File ID:	080911-HG.CSV
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 1636	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	08/09/2011 1401				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	107	105	80 - 120	2	20		

Client: MWH Americas Inc

Job Number: 580-27877-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-92388

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID:	LCS 580-92388/24-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 580-92388/25-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/09/2011 1635			Analysis Date:	08/09/2011 1636
Prep Date:	08/09/2011 1401			Prep Date:	08/09/2011 1401
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.00200	0.00200	0.00214	0.00209

Client: MWH Americas Inc

Job Number: 580-27877-1

Method Blank - Batch: 580-92343

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	MB 580-92343/3	Analysis Batch:	580-92343	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 0805	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chromium, hexavalent	ND		0.0060	0.010

Lab Control Sample - Batch: 580-92343

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	LCS 580-92343/4	Analysis Batch:	580-92343	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 0805	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chromium, hexavalent	0.200	0.203	102	90 - 110	

Matrix Spike - Batch: 580-92343

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	580-27877-1	Analysis Batch:	580-92343	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 0805	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Chromium, hexavalent	ND	0.200	0.191	96	85 - 115	

Client: MWH Americas Inc

Job Number: 580-27877-1

Duplicate - Batch: 580-92343

Method: SM 3500 CR D
Preparation: N/A

Lab Sample ID:	580-27877-1	Analysis Batch:	580-92343	Instrument ID:	No Equipment
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	08/09/2011 0805	Units:	mg/L	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chromium, hexavalent	ND	ND	NC	25	

DATA REPORTING QUALIFIERS

Client: MWH Americas Inc Job Number: 580-27877-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: MWH Americas Inc

Job Number: 580-27877-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:580-92970					
LCS 580-92970/5	Lab Control Sample	T	Water	8260B	
LCSD 580-92970/6	Lab Control Sample Duplicate	T	Water	8260B	
MB 580-92970/4	Method Blank	T	Water	8260B	
580-27877-1	MW-06-08082011	T	Water	8260B	
580-27877-2	TB-02-08082011	T	Water	8260B	
580-27877-3	EW-A-08082011	T	Water	8260B	
580-27877-4	EW-B-08082011	T	Water	8260B	
580-27877-5	MW-07-08082011	T	Water	8260B	
580-27877-6	MW-05-08082011	T	Water	8260B	

Report Basis

T = Total

Client: MWH Americas Inc

Job Number: 580-27877-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 580-92342					
LCS 580-92342/17-A	Lab Control Sample	R	Water	3005A	
LCSD 580-92342/18-A	Lab Control Sample Duplicate	R	Water	3005A	
LCSSRM 580-92342/19-A	LCS-Certified Reference Material	R	Water	3005A	
MB 580-92342/16-A	Method Blank	R	Water	3005A	
580-27877-1	MW-06-08082011	R	Water	3005A	
580-27877-3	EW-A-08082011	R	Water	3005A	
580-27877-4	EW-B-08082011	R	Water	3005A	
580-27877-5	MW-07-08082011	R	Water	3005A	
580-27877-6	MW-05-08082011	R	Water	3005A	
Prep Batch: 580-92388					
LCS 580-92388/24-A	Lab Control Sample	T	Water	7470A	
LCSD 580-92388/25-A	Lab Control Sample Duplicate	T	Water	7470A	
LCSSRM 580-92388/26-A	LCS-Certified Reference Material	T	Water	7470A	
MB 580-92388/23-A	Method Blank	T	Water	7470A	
580-27877-1	MW-06-08082011	T	Water	7470A	
580-27877-3	EW-A-08082011	T	Water	7470A	
580-27877-4	EW-B-08082011	T	Water	7470A	
580-27877-5	MW-07-08082011	T	Water	7470A	
580-27877-6	MW-05-08082011	T	Water	7470A	
Analysis Batch:580-92416					
LCS 580-92388/24-A	Lab Control Sample	T	Water	7470A	580-92388
LCSD 580-92388/25-A	Lab Control Sample Duplicate	T	Water	7470A	580-92388
LCSSRM 580-92388/26-A	LCS-Certified Reference Material	T	Water	7470A	580-92388
MB 580-92388/23-A	Method Blank	T	Water	7470A	580-92388
580-27877-1	MW-06-08082011	T	Water	7470A	580-92388
580-27877-3	EW-A-08082011	T	Water	7470A	580-92388
580-27877-4	EW-B-08082011	T	Water	7470A	580-92388
580-27877-5	MW-07-08082011	T	Water	7470A	580-92388
580-27877-6	MW-05-08082011	T	Water	7470A	580-92388
Analysis Batch:580-92503					
LCS 580-92342/17-A	Lab Control Sample	R	Water	6020	580-92342
LCSD 580-92342/18-A	Lab Control Sample Duplicate	R	Water	6020	580-92342
LCSSRM 580-92342/19-A	LCS-Certified Reference Material	R	Water	6020	580-92342
MB 580-92342/16-A	Method Blank	R	Water	6020	580-92342
580-27877-1	MW-06-08082011	R	Water	6020	580-92342
580-27877-3	EW-A-08082011	R	Water	6020	580-92342
580-27877-4	EW-B-08082011	R	Water	6020	580-92342
580-27877-5	MW-07-08082011	R	Water	6020	580-92342
580-27877-6	MW-05-08082011	R	Water	6020	580-92342

Client: MWH Americas Inc

Job Number: 580-27877-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Report Basis					
R = Total Recoverable					
T = Total					
General Chemistry					
Analysis Batch:580-92343					
LCS 580-92343/4	Lab Control Sample	T	Water	SM 3500 CR D	
MB 580-92343/3	Method Blank	T	Water	SM 3500 CR D	
580-27877-1	MW-06-08082011	T	Water	SM 3500 CR D	
580-27877-1DU	Duplicate	T	Water	SM 3500 CR D	
580-27877-1MS	Matrix Spike	T	Water	SM 3500 CR D	
580-27877-3	EW-A-08082011	T	Water	SM 3500 CR D	
580-27877-4	EW-B-08082011	T	Water	SM 3500 CR D	
580-27877-5	MW-07-08082011	T	Water	SM 3500 CR D	
580-27877-6	MW-05-08082011	T	Water	SM 3500 CR D	

Report Basis
T = Total

Client: MWH Americas Inc

Job Number: 580-27877-1

Laboratory Chronicle

Lab ID: 580-27877-1 **Client ID:** MW-06-08082011

Sample Date/Time: 08/08/2011 08:06 Received Date/Time: 08/09/2011 07:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27877-C-1		580-92970		08/16/2011 19:03	1	TAL SEA	SK
A:8260B	580-27877-C-1		580-92970		08/16/2011 19:03	1	TAL SEA	SK
P:3005A	580-27877-D-1-B		580-92503	580-92342	08/09/2011 10:38	5	TAL SEA	ZF
A:6020	580-27877-D-1-B		580-92503	580-92342	08/10/2011 13:11	5	TAL SEA	FCW
P:7470A	580-27877-D-1-A		580-92416	580-92388	08/09/2011 13:58	1	TAL SEA	PAB
A:7470A	580-27877-D-1-A		580-92416	580-92388	08/09/2011 16:53	1	TAL SEA	PAB
A:SM 3500 CR D	580-27877-A-1		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Lab ID: 580-27877-1 MS **Client ID:** MW-06-08082011

Sample Date/Time: 08/08/2011 08:06 Received Date/Time: 08/09/2011 07:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 3500 CR D	580-27877-A-1 MS		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Lab ID: 580-27877-1 DU **Client ID:** MW-06-08082011

Sample Date/Time: 08/08/2011 08:06 Received Date/Time: 08/09/2011 07:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 3500 CR D	580-27877-A-1 DU		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Lab ID: 580-27877-2 **Client ID:** TB-02-08082011

Sample Date/Time: 08/08/2011 08:00 Received Date/Time: 08/09/2011 07:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27877-A-2		580-92970		08/16/2011 18:10	1	TAL SEA	SK
A:8260B	580-27877-A-2		580-92970		08/16/2011 18:10	1	TAL SEA	SK

Lab ID: 580-27877-3 **Client ID:** EW-A-08082011

Sample Date/Time: 08/08/2011 10:48 Received Date/Time: 08/09/2011 07:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27877-C-3		580-92970		08/16/2011 19:29	1	TAL SEA	SK
A:8260B	580-27877-C-3		580-92970		08/16/2011 19:29	1	TAL SEA	SK
P:3005A	580-27877-D-3-B		580-92503	580-92342	08/09/2011 10:38	5	TAL SEA	ZF
A:6020	580-27877-D-3-B		580-92503	580-92342	08/10/2011 13:15	5	TAL SEA	FCW
P:7470A	580-27877-D-3-A		580-92416	580-92388	08/09/2011 13:58	1	TAL SEA	PAB
A:7470A	580-27877-D-3-A		580-92416	580-92388	08/09/2011 16:55	1	TAL SEA	PAB
A:SM 3500 CR D	580-27877-A-3		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Client: MWH Americas Inc Job Number: 580-27877-1

Laboratory Chronicle

Lab ID: 580-27877-4 **Client ID: EW-B-08082011**

Sample Date/Time: 08/08/2011 12:23 Received Date/Time: 08/09/2011 07:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27877-A-4		580-92970		08/16/2011 19:56	1	TAL SEA	SK
A:8260B	580-27877-A-4		580-92970		08/16/2011 19:56	1	TAL SEA	SK
P:3005A	580-27877-D-4-B		580-92503	580-92342	08/09/2011 10:38	5	TAL SEA	ZF
A:6020	580-27877-D-4-B		580-92503	580-92342	08/10/2011 13:20	5	TAL SEA	FCW
P:7470A	580-27877-D-4-A		580-92416	580-92388	08/09/2011 13:58	1	TAL SEA	PAB
A:7470A	580-27877-D-4-A		580-92416	580-92388	08/09/2011 16:57	1	TAL SEA	PAB
A:SM 3500 CR D	580-27877-A-4		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Lab ID: 580-27877-5 **Client ID: MW-07-08082011**

Sample Date/Time: 08/08/2011 14:39 Received Date/Time: 08/09/2011 07:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27877-B-5		580-92970		08/16/2011 20:22	1	TAL SEA	SK
A:8260B	580-27877-B-5		580-92970		08/16/2011 20:22	1	TAL SEA	SK
P:3005A	580-27877-D-5-B		580-92503	580-92342	08/09/2011 14:25	5	TAL SEA	ZF
A:6020	580-27877-D-5-B		580-92503	580-92342	08/10/2011 13:25	5	TAL SEA	FCW
P:7470A	580-27877-D-5-A		580-92416	580-92388	08/09/2011 13:58	1	TAL SEA	PAB
A:7470A	580-27877-D-5-A		580-92416	580-92388	08/09/2011 16:58	1	TAL SEA	PAB
A:SM 3500 CR D	580-27877-A-5		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Lab ID: 580-27877-6 **Client ID: MW-05-08082011**

Sample Date/Time: 08/08/2011 16:07 Received Date/Time: 08/09/2011 07:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	580-27877-A-6		580-92970		08/16/2011 20:49	1	TAL SEA	SK
A:8260B	580-27877-A-6		580-92970		08/16/2011 20:49	1	TAL SEA	SK
P:3005A	580-27877-D-6-B		580-92503	580-92342	08/09/2011 14:25	5	TAL SEA	ZF
A:6020	580-27877-D-6-B		580-92503	580-92342	08/10/2011 13:30	5	TAL SEA	FCW
P:7470A	580-27877-D-6-A		580-92416	580-92388	08/09/2011 13:58	1	TAL SEA	PAB
A:7470A	580-27877-D-6-A		580-92416	580-92388	08/09/2011 17:00	1	TAL SEA	PAB
A:SM 3500 CR D	580-27877-A-6		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Client: MWH Americas Inc

Job Number: 580-27877-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 580-92970/4		580-92970		08/16/2011 15:31	1	TAL SEA	SK
A:8260B	MB 580-92970/4		580-92970		08/16/2011 15:31	1	TAL SEA	SK
P:3005A	MB 580-92342/16-A		580-92503	580-92342	08/09/2011 14:25	5	TAL SEA	ZF
A:6020	MB 580-92342/16-A		580-92503	580-92342	08/10/2011 12:08	5	TAL SEA	FCW
P:7470A	MB 580-92388/23-A		580-92416	580-92388	08/09/2011 14:01	1	TAL SEA	PAB
A:7470A	MB 580-92388/23-A		580-92416	580-92388	08/09/2011 16:33	1	TAL SEA	PAB
A:SM 3500 CR D	MB 580-92343/3		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 580-92970/5		580-92970		08/16/2011 15:58	1	TAL SEA	SK
A:8260B	LCS 580-92970/5		580-92970		08/16/2011 15:58	1	TAL SEA	SK
P:3005A	LCS 580-92342/17-A		580-92503	580-92342	08/09/2011 14:26	50	TAL SEA	ZF
A:6020	LCS 580-92342/17-A		580-92503	580-92342	08/10/2011 12:42	50	TAL SEA	FCW
P:7470A	LCS 580-92388/24-A		580-92416	580-92388	08/09/2011 14:01	1	TAL SEA	PAB
A:7470A	LCS 580-92388/24-A		580-92416	580-92388	08/09/2011 16:35	1	TAL SEA	PAB
A:SM 3500 CR D	LCS 580-92343/4		580-92343		08/09/2011 08:05	1	TAL SEA	SH

Lab ID: LCSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 580-92970/6		580-92970		08/16/2011 16:24	1	TAL SEA	SK
A:8260B	LCSD 580-92970/6		580-92970		08/16/2011 16:24	1	TAL SEA	SK
P:3005A	LCSD 580-92342/18-A		580-92503	580-92342	08/09/2011 14:26	50	TAL SEA	ZF
A:6020	LCSD 580-92342/18-A		580-92503	580-92342	08/10/2011 12:47	50	TAL SEA	FCW
P:7470A	LCSD 580-92388/25-A		580-92416	580-92388	08/09/2011 14:01	1	TAL SEA	PAB
A:7470A	LCSD 580-92388/25-A		580-92416	580-92388	08/09/2011 16:36	1	TAL SEA	PAB

Client: MWH Americas Inc

Job Number: 580-27877-1

Laboratory Chronicle

Lab ID: **LCSSRM** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	LCSSRM 580-92342/19-A		580-92503	580-92342	08/09/2011 14:26	50	TAL SEA	ZF
A:6020	LCSSRM 580-92342/19-A		580-92503	580-92342	08/10/2011 12:52	50	TAL SEA	FCW
P:7470A	LCSSRM 580-92388/26-A		580-92416	580-92388	08/09/2011 14:01	1	TAL SEA	PAB
A:7470A	LCSSRM 580-92388/26-A		580-92416	580-92388	08/09/2011 16:38	1	TAL SEA	PAB

Lab References:

TAL SEA = TestAmerica Seattle

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
Hex Cr Spk_00007	07/11/12	EM Scientific, Lot 40027037			(Purchased Reagent)		Chromium, hexavalent	100 ppm
Hg_CAL_WORK_00008	10/12/11	07/12/11	H2O, Lot standard	1000 mg/L	Hg_CAL_STOCK_00001	1 mL	Mercury	0.1 mg/L
.Hg_CAL_STOCK_00001	06/30/14	AccuStandard, Lot B7045094-1A			(Purchased Reagent)		Mercury	100 mg/L
Hg_ICV_WORK_00009	10/12/11	07/12/11	H2O, Lot standard	1000 mg/L	Hg_ICV_STOCK_00002	1 mL	Mercury	0.1 mg/L
.Hg_ICV_STOCK_00002	01/29/12	CPI, Lot 10D252			(Purchased Reagent)		Mercury	100 mg/L
ICPMS- ICSA_00002	12/01/11	Inorganic Ventures, Lot d2-meb329124			(Purchased Reagent)		Al	1000 ug/mL
							Ca	3000 ug/mL
							Fe	2500 ug/mL
							K	1000 ug/mL
							Mg	1000 ug/mL
							Molybdenum	20 ug/mL
							Na	2500 ug/mL
							P	1000 ug/mL
							Ti	20 ug/mL
ICPMS-ICSB_00002	12/01/11	Inorganic Ventures, Lot d2-meb324099			(Purchased Reagent)		Arsenic	10 ug/mL
							Cadmium	10 ug/mL
							Chromium	20 ug/mL
							Co	20 ug/mL
							Copper	20 ug/mL
							Mn	20 ug/mL
							Nickel	20 ug/mL
							Selenium	10 ug/mL
							Silver	5 ug/mL
							V	20 ug/mL
							Zinc	10 ug/mL
ICPMS_CAL_WOR_00007	09/22/11	06/30/11	H2O, Lot 123010	1000 mL	ICPMS_CAL_00001	10 mL	Antimony	100 ug/L
							Arsenic	100 ug/L
							Barium	100 ug/L
							Beryllium	100 ug/L
							Cadmium	100 ug/L
							Chromium	100 ug/L
							Copper	100 ug/L
							Lead	100 ug/L
							Molybdenum	100 ug/L
							Nickel	100 ug/L
							Selenium	100 ug/L
							Silver	100 ug/L
							Tin	100 ug/L
							Zinc	100 ug/L
.ICPMS_CAL_00001	09/22/11	CPI, Lot 10C166			(Purchased Reagent)		Antimony	10 mg/L
							Arsenic	10 mg/L
							Barium	10 mg/L
							Beryllium	10 mg/L
							Cadmium	10 mg/L
							Chromium	10 mg/L
							Copper	10 mg/L

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Lead	10 mg/L
							Molybdenum	10 mg/L
							Nickel	10 mg/L
							Selenium	10 mg/L
							Silver	10 mg/L
							Tin	10 mg/L
							Zinc	10 mg/L
ICPMS_ICV_WOR_00009	08/15/11	05/16/11	H2O, Lot 021511	1000 mL	ICPMS_ICV_00003	4 mL	Antimony	40 ug/L
							Arsenic	40 ug/L
							Barium	40 ug/L
							Beryllium	40 ug/L
							Cadmium	40 ug/L
							Chromium	40 ug/L
							Copper	40 ug/L
							Lead	40 ug/L
							Molybdenum	40 ug/L
							Nickel	40 ug/L
							Selenium	40 ug/L
							Silver	40 ug/L
							Tin	40 ug/L
							Zinc	40 ug/L
.ICPMS_ICV_00003	01/30/12		SPEX, Lot 5-236cr		(Purchased Reagent)		Antimony	10 mg/L
							Arsenic	10 mg/L
							Barium	10 mg/L
							Beryllium	10 mg/L
							Cadmium	10 mg/L
							Chromium	10 mg/L
							Copper	10 mg/L
							Lead	10 mg/L
							Molybdenum	10 mg/L
							Nickel	10 mg/L
							Selenium	10 mg/L
							Silver	10 mg/L
							Tin	10 mg/L
							Zinc	10 mg/L
m-GPS-1_00021	12/29/12		CPI, Lot 11F316		(Purchased Reagent)		Al	200 ppm
							Antimony	50 ppm
							Arsenic	200 ppm
							Barium	200 ppm
							Beryllium	5 ppm
							Cadmium	5 ppm
							Chromium	20 ppm
							Co	50 ppm
							Copper	25 ppm
							Fe	100 ppm
							Lead	50 ppm
							Mn	50 ppm
							Nickel	50 ppm
							Selenium	200 ppm
							Silver	5 ppm

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tl	200 ppm
							V	50 ppm
							Zinc	50 ppm
m-GPS-2_00018	12/29/12		CPI, Lot 11F317		(Purchased Reagent)		Antimony	100 ppm
							Silver	25 ppm
m-GPS-3_00018	12/29/12		CPI, Lot 11F319		(Purchased Reagent)		Ca	1000 ppm
							Fe	1000 ppm
							K	1000 ppm
							Mg	1000 ppm
							Na	1000 ppm
							P	1000 ppm
m-GPS-4_00020	12/29/12		CPI, Lot 11F318		(Purchased Reagent)		B	250 ppm
							Molybdenum	250 ppm
							Ti	250 ppm
							Tin	250 ppm
MS-HgSpk_00011	05/10/12	05/10/11	H2O, Lot standard	1000 mg/L	Hg_CAL_STOCK_00001	25 mL	Mercury	2.5 mg/L
.Hg_CAL_STOCK_00001	06/30/14		AccuStandard, Lot B7045094-1A		(Purchased Reagent)		Mercury	100 mg/L
V-SurTFTWk_00013	08/04/11	11/04/10	MeOH, Lot CR013	200 mL	V-TFTStk_00014	800 uL	Trifluorotoluene (Surr)	39.984 mg/L
.V-TFTStk_00014	10/21/11	07/26/10	Fisher, Lot 096181	50 mL	TFTneat_00004	420 uL	Trifluorotoluene (Surr)	9996 mg/L
..TFTneat_00004	10/21/11		Sigma-Aldrich, Lot 96397PJ		(Purchased Reagent)		Trifluorotoluene (Surr)	1190000 mg/L
V-SurTFTWk_00014	10/21/11	08/04/11	MeOH, Lot CR013	200 mL	V-TFTStk_00014	800 uL	Trifluorotoluene (Surr)	39.984 mg/L
.V-TFTStk_00014	10/21/11	07/26/10	Fisher, Lot 096181	50 mL	TFTneat_00004	420 uL	Trifluorotoluene (Surr)	9996 mg/L
..TFTneat_00004	10/21/11		Sigma-Aldrich, Lot 96397PJ		(Purchased Reagent)		Trifluorotoluene (Surr)	1190000 mg/L
V_LCS_G_50w_00038	08/09/11	08/02/11	fisher MeOH, Lot 110412	50 mL	8260SCalO1_00007	1250 uL	Methyl tert-butyl ether	50 mg/L
					vscvG_stk_00002	1250 uL	Bromomethane	50 mg/L
							Chloroethane	50 mg/L
							Chloromethane	50 mg/L
							Dichlorodifluoromethane	50 mg/L
							Trichlorofluoromethane	50 mg/L
							Vinyl chloride	50 mg/L
.8260SCalO1_00007	02/28/15		Restek, Lot A072953		(Purchased Reagent)		Methyl tert-butyl ether	2000 ug/mL
.vscvG_stk_00002	06/24/12		Accustandard, Lot 209061278		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
V_LCS_L_50_00029	12/20/11	06/20/11	fisher MeOH, Lot 110412	10 mL	8260 LiqS_00014	2500 uL	1,1,1,2-Tetrachloroethane	49.325 mg/L
							1,1,1-Trichloroethane	50.025 mg/L
							1,1,2,2-Tetrachloroethane	50 mg/L
							1,1,2-Trichloroethane	49.375 mg/L
							1,1-Dichloroethane	49.5 mg/L
							1,1-Dichloroethene	49.5 mg/L
							1,1-Dichloropropene	49.825 mg/L
							1,2,3-Trichlorobenzene	50.025 mg/L
							1,2,3-Trichloropropane	49.275 mg/L
							1,2,4-Trichlorobenzene	49.675 mg/L

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	50.05 mg/L
							1,2-Dibromo-3-Chloropropane	50.025 mg/L
							1,2-Dichlorobenzene	49.1 mg/L
							1,2-Dichloroethane	49.55 mg/L
							1,2-Dichloropropane	50 mg/L
							1,3,5-Trimethylbenzene	50.025 mg/L
							1,3-Dichlorobenzene	49.9 mg/L
							1,3-Dichloropropane	49.975 mg/L
							1,4-Dichlorobenzene	49.95 mg/L
							2,2-Dichloropropane	50.05 mg/L
							2-Chlorotoluene	49.475 mg/L
							4-Chlorotoluene	49.25 mg/L
							4-Isopropyltoluene	49.725 mg/L
							Benzene	49.775 mg/L
							Bromobenzene	49.75 mg/L
							Bromoform	49.825 mg/L
							Carbon tetrachloride	50.075 mg/L
							Chlorobenzene	50 mg/L
							Chlorobromomethane	49.6 mg/L
							Chlorodibromomethane	49.575 mg/L
							Chloroform	50.025 mg/L
							cis-1,2-Dichloroethene	49.95 mg/L
							cis-1,3-Dichloropropene	52.525 mg/L
							Dibromomethane	49.325 mg/L
							Dichlorobromomethane	49.375 mg/L
							Ethylbenzene	49.625 mg/L
							Ethylene Dibromide	49.975 mg/L
							Hexachlorobutadiene	49.975 mg/L
							Isopropylbenzene	50 mg/L
							m-Xylene & p-Xylene	99.95 mg/L
							Methylene Chloride	50.025 mg/L
							n-Butylbenzene	49.5 mg/L
							N-Propylbenzene	50 mg/L
							Naphthalene	50.025 mg/L
							o-Xylene	50 mg/L
							sec-Butylbenzene	50.025 mg/L
							Styrene	49.85 mg/L
							tert-Butylbenzene	49.8 mg/L
							Tetrachloroethene	50.05 mg/L
							Toluene	50.025 mg/L
							trans-1,2-Dichloroethene	50.05 mg/L
							trans-1,3-Dichloropropene	47.475 mg/L
							Trichloroethene	50.025 mg/L
.8260 LiqS_00014	09/10/13		AccuStandard, Inc, Lot 210081381		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	197.3 ug/mL
							1,1,1-Trichloroethane	200.1 ug/mL
							1,1,2,2-Tetrachloroethane	200 ug/mL
							1,1,2-Trichloroethane	197.5 ug/mL
							1,1-Dichloroethane	198 ug/mL
							1,1-Dichloroethene	198 ug/mL
							1,1-Dichloropropene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	200.1 ug/mL
							1,2,3-Trichloropropane	197.1 ug/mL
							1,2,4-Trichlorobenzene	198.7 ug/mL
							1,2,4-Trimethylbenzene	200.2 ug/mL
							1,2-Dibromo-3-Chloropropane	200.1 ug/mL
							1,2-Dichlorobenzene	196.4 ug/mL
							1,2-Dichloroethane	198.2 ug/mL
							1,2-Dichloropropane	200 ug/mL
							1,3,5-Trimethylbenzene	200.1 ug/mL
							1,3-Dichlorobenzene	199.6 ug/mL
							1,3-Dichloropropane	199.9 ug/mL
							1,4-Dichlorobenzene	199.8 ug/mL
							2,2-Dichloropropane	200.2 ug/mL
							2-Chlorotoluene	197.9 ug/mL
							4-Chlorotoluene	197 ug/mL
							4-Isopropyltoluene	198.9 ug/mL
							Benzene	199.1 ug/mL
							Bromobenzene	199 ug/mL
							Bromoform	199.3 ug/mL
							Carbon tetrachloride	200.3 ug/mL
							Chlorobenzene	200 ug/mL
							Chlorobromomethane	198.4 ug/mL
							Chlorodibromomethane	198.3 ug/mL
							Chloroform	200.1 ug/mL
							cis-1,2-Dichloroethene	199.8 ug/mL
							cis-1,3-Dichloropropene	210.1 ug/mL
							Dibromomethane	197.3 ug/mL
							Dichlorobromomethane	197.5 ug/mL
							Ethylbenzene	198.5 ug/mL
							Ethylene Dibromide	199.9 ug/mL
							Hexachlorobutadiene	199.9 ug/mL
							Isopropylbenzene	200 ug/mL
							m-Xylene & p-Xylene	399.8 ug/mL
							Methylene Chloride	200.1 ug/mL
							n-Butylbenzene	198 ug/mL
							N-Propylbenzene	200 ug/mL
							Naphthalene	200.1 ug/mL
							o-Xylene	200 ug/mL
							sec-Butylbenzene	200.1 ug/mL
							Styrene	199.4 ug/mL
							tert-Butylbenzene	199.2 ug/mL
							Tetrachloroethene	200.2 ug/mL
							Toluene	200.1 ug/mL
							trans-1,2-Dichloroethene	200.2 ug/mL
							trans-1,3-Dichloropropene	189.9 ug/mL
							Trichloroethene	200.1 ug/mL
V_LCS_SL_50_00005	12/03/11	06/03/11	omnisolv MeOH, Lot 110412	50 mL	8260SLMSSK_00003	1 mL	1,1-Dichloroethene	50 mg/L
							Benzene	50 mg/L
							Chlorobenzene	50 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	50 mg/L
							Trichloroethene	50 mg/L
.8260SLMSSK_00003	05/31/12		Restek, Lot A052173		(Purchased Reagent)		1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Toluene	2500 ug/mL
							Trichloroethene	2500 ug/mL
vcal_L_50_00016	01/26/12	07/26/11	fisher MeOH, Lot 110412	25 mL	8260 Pfull_00005	625 uL	1,1,1,2-Tetrachloroethane	50.15 mg/L
							1,1,1-Trichloroethane	49.975 mg/L
							1,1,2,2-Tetrachloroethane	50.125 mg/L
							1,1,2-Trichloro-1,2,2-trifluoroethane	49.875 mg/L
							1,1,2-Trichloroethane	50.1 mg/L
							1,1-Dichloroethane	49.975 mg/L
							1,1-Dichloroethene	49.95 mg/L
							1,1-Dichloropropene	49.525 mg/L
							1,2,3-Trichlorobenzene	49.65 mg/L
							1,2,3-Trichloropropane	50.525 mg/L
							1,2,4-Trichlorobenzene	49.65 mg/L
							1,2,4-Trimethylbenzene	50.275 mg/L
							1,2-Dibromo-3-Chloropropane	50.15 mg/L
							1,2-Dichlorobenzene	50.025 mg/L
							1,2-Dichloroethane	49.975 mg/L
							1,2-Dichloropropane	51.1 mg/L
							1,3,5-Trichlorobenzene	50 mg/L
							1,3,5-Trimethylbenzene	50.05 mg/L
							1,3-Dichlorobenzene	50.025 mg/L
							1,3-Dichloropropane	49.95 mg/L
							1,4-Dichlorobenzene	49.95 mg/L
							2,2-Dichloropropane	50 mg/L
							2-Chlorotoluene	50.225 mg/L
							2-Ethyl-1-Hexanol	1249.5 mg/L
							4-Chlorotoluene	50.125 mg/L
							4-Isopropyltoluene	49.95 mg/L
							Acetonitrile	499.75 mg/L
							Acrylonitrile	250.25 mg/L
							Benzene	49.95 mg/L
							Bromobenzene	50.35 mg/L
							Bromoform	50.75 mg/L
							Carbon disulfide	50.075 mg/L
							Carbon tetrachloride	50.075 mg/L
							Chlorobenzene	49.9 mg/L
							Chlorobromomethane	50.075 mg/L
							Chlorodibromomethane	49.625 mg/L
							Chloroform	50.05 mg/L
							cis-1,2-Dichloroethene	50.1 mg/L
							cis-1,3-Dichloropropene	49.6 mg/L
							cis-1,4-Dichloro-2-butene	250.25 mg/L
							Cyclohexane	50 mg/L
							Dibromomethane	50.1 mg/L

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorobromomethane	50.05 mg/L
							Ethyl ether	250.25 mg/L
							Ethylbenzene	49.975 mg/L
							Ethylene Dibromide	50.15 mg/L
							Hexachlorobutadiene	50 mg/L
							Hexachloroethane	50.15 mg/L
							Hexane	50.125 mg/L
							Iodomethane	251.25 mg/L
							Isobutyl alcohol	499.25 mg/L
							Isopropylbenzene	50.025 mg/L
							m-Xylene & p-Xylene	100.125 mg/L
							Methacrylonitrile	253.25 mg/L
							Methylcyclohexane	49.975 mg/L
							Methylene Chloride	49.875 mg/L
							n-Butanol	500.5 mg/L
							n-Butylbenzene	50 mg/L
							N-Propylbenzene	50 mg/L
							Naphthalene	50.075 mg/L
							o-Xylene	50.05 mg/L
							sec-Butylbenzene	50.075 mg/L
							Styrene	50.2 mg/L
							tert-Butylbenzene	49.975 mg/L
							Tetrachloroethene	50.075 mg/L
							Tetrahydrofuran	250.25 mg/L
							Toluene	49.975 mg/L
							trans-1,2-Dichloroethene	50 mg/L
							trans-1,3-Dichloropropene	51 mg/L
							trans-1,4-Dichloro-2-butene	250 mg/L
							Trichloroethene	50 mg/L
.8260 Pfull_00005	09/26/12		o2si, Lot 164150		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2006 mg/L
							1,1,1-Trichloroethane	1999 mg/L
							1,1,2,2-Tetrachloroethane	2005 mg/L
							1,1,2-Trichloro-1,2,2-trifluoroethane	1995 mg/L
							1,1,2-Trichloroethane	2004 mg/L
							1,1-Dichloroethane	1999 mg/L
							1,1-Dichloroethene	1998 mg/L
							1,1-Dichloropropene	1981 mg/L
							1,2,3-Trichlorobenzene	1986 mg/L
							1,2,3-Trichloropropane	2021 mg/L
							1,2,4-Trichlorobenzene	1986 mg/L
							1,2,4-Trimethylbenzene	2011 mg/L
							1,2-Dibromo-3-Chloropropane	2006 mg/L
							1,2-Dichlorobenzene	2001 mg/L
							1,2-Dichloroethane	1999 mg/L
							1,2-Dichloropropane	2044 mg/L
							1,3,5-Trichlorobenzene	2000 mg/L
							1,3,5-Trimethylbenzene	2002 mg/L
							1,3-Dichlorobenzene	2001 mg/L
							1,3-Dichloropropane	1999 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	1998 mg/L
							2,2-Dichloropropane	2000 mg/L
							2-Chlorotoluene	2009 mg/L
							2-Ethyl-1-Hexanol	49980 mg/L
							4-Chlorotoluene	2005 mg/L
							4-Isopropyltoluene	1998 mg/L
							Acetonitrile	19990 mg/L
							Acrylonitrile	10010 mg/L
							Benzene	1998 mg/L
							Bromobenzene	2014 mg/L
							Bromoform	2030 mg/L
							Carbon disulfide	2003 mg/L
							Carbon tetrachloride	2003 mg/L
							Chlorobenzene	1996 mg/L
							Chlorobromomethane	2003 mg/L
							Chlorodibromomethane	1985 mg/L
							Chloroform	2002 mg/L
							cis-1,2-Dichloroethene	2004 mg/L
							cis-1,3-Dichloropropene	1984 mg/L
							cis-1,4-Dichloro-2-butene	10010 mg/L
							Cyclohexane	2000 mg/L
							Dibromomethane	2012 mg/L
							Dichlorobromomethane	2002 mg/L
							Ethyl ether	10010 mg/L
							Ethylbenzene	1999 mg/L
							Ethylene Dibromide	2006 mg/L
							Hexachlorobutadiene	2000 mg/L
							Hexachloroethane	2006 mg/L
							Hexane	2005 mg/L
							Iodomethane	10050 mg/L
							Isobutyl alcohol	19970 mg/L
							Isopropylbenzene	2001 mg/L
							m-Xylene & p-Xylene	4005 mg/L
							Methacrylonitrile	10130 mg/L
							Methylcyclohexane	1999 mg/L
							Methylene Chloride	1995 mg/L
							n-Butanol	20020 mg/L
							n-Butylbenzene	2000 mg/L
							N-Propylbenzene	2000 mg/L
							Naphthalene	2003 mg/L
							o-Xylene	2002 mg/L
							sec-Butylbenzene	2003 mg/L
							Styrene	2008 mg/L
							tert-Butylbenzene	1999 mg/L
							Tetrachloroethene	2003 mg/L
							Tetrahydrofuran	10010 mg/L
							Toluene	1999 mg/L
							trans-1,2-Dichloroethene	2000 mg/L
							trans-1,3-Dichloropropene	2040 mg/L
							trans-1,4-Dichloro-2-butene	10010 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	2000 mg/L
vcalg50w_00042	08/09/11	08/02/11	fisher MeOH, Lot 110412	50 mL	8260 Pmix1_00005	1250 uL	Bromomethane	50.0108 mg/L
							Chloroethane	49.966 mg/L
							Chloromethane	50.0268 mg/L
							Dichlorodifluoromethane	49.9688 mg/L
							Trichlorofluoromethane	49.9963 mg/L
							Vinyl chloride	50.007 mg/L
					8260P VOA1_00006	2500 uL	2-Butanone (MEK)	250 mg/L
							2-Hexanone	250 mg/L
							4-Methyl-2-pentanone (MIBK)	250 mg/L
							Acetone	250 mg/L
					8260PAceta_00012	1250 uL	Ethyl acetate	249.25 mg/L
							Methyl acetate	251 mg/L
					8260PCalO1_00006	1250 uL	2-Methyl-2-propanol	250 mg/L
							Isopropyl ether	50 mg/L
							Methyl tert-butyl ether	50 mg/L
							Tert-amyl methyl ether	50 mg/L
							Tert-butyl ethyl ether	50 mg/L
					V-Acrolein_00001	15 uL	Acrolein	252 mg/L
					V-TFTStk_00014	250 uL	Trifluorotoluene (Surr)	49.98 mg/L
					vcalneat13_00002	13.5 uL	Vinyl acetate	251.64 mg/L
					vLCSneat25_00001	12 uL	2-Chloroethyl vinyl ether	251.52 mg/L
.8260 Pmix1_00005	05/31/17		Restek, Lot A076677		(Purchased Reagent)		Bromomethane	2000.43 ug/mL
							Chloroethane	1998.64 ug/mL
							Chloromethane	2001.07 ug/mL
							Dichlorodifluoromethane	1998.75 ug/mL
							Trichlorofluoromethane	1999.85 ug/mL
							Vinyl chloride	2000.28 ug/mL
.8260P VOA1_00006	07/31/13		Restek, Lot A073997		(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
.8260PAceta_00012	03/12/13		o2si, Lot 173104		(Purchased Reagent)		Ethyl acetate	9970 ug/mL
							Methyl acetate	10040 ug/mL
.8260PCalO1_00006	06/30/15		Restek, Lot A075112		(Purchased Reagent)		2-Methyl-2-propanol	10000 ug/mL
							Isopropyl ether	2000 ug/mL
							Methyl tert-butyl ether	2000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
.V-Acrolein_00001	03/21/12		Alfa Aesar, Lot K03R001		(Purchased Reagent)		Acrolein	0.84 g/mL
.V-TFTStk_00014	10/21/11	07/26/10	Fisher, Lot 096181	50 mL	TFTneat_00004	420 uL	Trifluorotoluene (Surr)	9996 mg/L
..TFTneat_00004	10/21/11		Sigma-Aldrich, Lot 96397PJ		(Purchased Reagent)		Trifluorotoluene (Surr)	1190000 mg/L
.vcalneat13_00002	03/13/12		Aldrich, Lot 12801TD		(Purchased Reagent)		Vinyl acetate	0.932 g/mL
.vLCSneat25_00001	12/31/12		Aldrich, Lot 08402CH		(Purchased Reagent)		2-Chloroethyl vinyl ether	1.048 g/mL
vcalg50w_00044	08/20/11	08/10/11	fisher MeOH, Lot 110412	50 mL	8260 Pmix1_00005	1250 uL	Bromomethane	50.0108 mg/L
							Chloroethane	49.966 mg/L
							Chloromethane	50.0268 mg/L
							Dichlorodifluoromethane	49.9688 mg/L
							Trichlorofluoromethane	49.9963 mg/L
							Vinyl chloride	50.007 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					8260PCalO1_00006	1250 uL	Methyl tert-butyl ether	50 mg/L
					V-TFTStk_00014	250 uL	Trifluorotoluene (Surr)	49.98 mg/L
.8260 Pmix1_00005	05/31/17		Restek, Lot A076677		(Purchased Reagent)		Bromomethane	2000.43 ug/mL
							Chloroethane	1998.64 ug/mL
							Chloromethane	2001.07 ug/mL
							Dichlorodifluoromethane	1998.75 ug/mL
							Trichlorofluoromethane	1999.85 ug/mL
							Vinyl chloride	2000.28 ug/mL
.8260PCalO1_00006	06/30/15		Restek, Lot A075112		(Purchased Reagent)		Methyl tert-butyl ether	2000 ug/mL
.V-TFTStk_00014	10/21/11	07/26/10	Fisher, Lot 096181	50 mL	TFTneat_00004	420 uL	Trifluorotoluene (Surr)	9996 mg/L
..TFTneat_00004	10/21/11		Sigma-Aldrich, Lot 96397PJ		(Purchased Reagent)		Trifluorotoluene (Surr)	1190000 mg/L
vwrkIS&sur_00040	10/21/11	10/30/10	fisher MeOH, Lot 104737	100 mL	V-ISStk_00011	1250 uL	1,4-Dichlorobenzene-d4	250 mg/L
							1,4-Difluorobenzene	250.088 mg/L
							Pentafluorobenzene	249.81 mg/L
					V-SurStk_00009	250 uL	4-Bromofluorobenzene (Surr)	50.1072 mg/L
							Toluene-d8 (Surr)	50.0733 mg/L
							Ethylbenzene-d10	50.0123 mg/L
							Fluorobenzene (Surr)	50.02 mg/L
.V-ISStk_00011	10/21/11	10/27/10	fisher MeOH, Lot 096181	50 mL	V-ISneat#1_00003	1000 mg	1,4-Dichlorobenzene-d4	20000 mg/L
					V-ISneat#2_00004	855 uL	1,4-Difluorobenzene	20007 mg/L
					V-ISneat#3_00006	660 uL	Pentafluorobenzene	19984.8 mg/L
..V-ISneat#1_00003	10/21/11		Isotec, Lot ST0037		(Purchased Reagent)		1,4-Dichlorobenzene-d4	1 g/mL
..V-ISneat#2_00004	10/21/11		Aldrich, Lot 13105AO		(Purchased Reagent)		1,4-Difluorobenzene	1.17 g/mL
..V-ISneat#3_00006	10/21/11		Aldrich, Lot MKBC7851		(Purchased Reagent)		Pentafluorobenzene	1.514 g/mL
.V-SurStk_00009	10/21/11	10/27/10	fisher MeOH, Lot 096181	25 mL	V-Surnea3_00004	312 uL	4-Bromofluorobenzene (Surr)	20042.9 mg/L
					V-Surneat2_00003	531 uL	Toluene-d8 (Surr)	20029.3 mg/L
					V-Surneat4_00003	527 uL	Ethylbenzene-d10	20004.9 mg/L
					V-Surneat5_00003	488 uL	Fluorobenzene (Surr)	20008 mg/L
..V-Surnea3_00004	10/21/11		Aldrich, Lot 01127CO		(Purchased Reagent)		4-Bromofluorobenzene (Surr)	1.606 g/mL
..V-Surneat2_00003	10/21/11		Aldrich, Lot 07726DH		(Purchased Reagent)		Toluene-d8 (Surr)	0.943 g/mL
..V-Surneat4_00003	10/21/11		Aldrich, Lot 19510HA		(Purchased Reagent)		Ethylbenzene-d10	0.949 g/mL
..V-Surneat5_00003	10/21/11		Aldrich, Lot 0001448118		(Purchased Reagent)		Fluorobenzene (Surr)	1.025 g/mL

Certification Summary

Client: MWH Americas Inc
Project/Site: GE Yakima-Yakima,WA

TestAmerica Job ID: 580-27877-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Seattle	Alaska	Alaska UST	10	UST-022
TestAmerica Seattle	Alaska	TA-Port Heiden Mobile Lab	10	UST-093
TestAmerica Seattle	California	NELAC	9	1115CA
TestAmerica Seattle	Florida	NELAC	4	E871074
TestAmerica Seattle	L-A-B	DoD ELAP		L2236
TestAmerica Seattle	L-A-B	ISO/IEC 17025		L2236
TestAmerica Seattle	Louisiana	NELAC	6	05016
TestAmerica Seattle	Montana	MT DEQ UST	8	N/A
TestAmerica Seattle	Oregon	NELAC	10	WA100007
TestAmerica Seattle	USDA	USDA		P330-11-00222
TestAmerica Seattle	Washington	State Program	10	C553

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-624short ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	FB #	TFT #	TOL #	EBD10 #	BFB #
MW-06-08082011	580-27877-1	102	100	99	101	98
TB-02-08082011	580-27877-2	104	101	98	100	98
EW-A-08082011	580-27877-3	103	103	99	99	95
EW-B-08082011	580-27877-4	104	101	98	98	97
MW-07-08082011	580-27877-5	104	104	98	97	96
MW-05-08082011	580-27877-6	104	103	99	100	95
	MB 580-92970/4	103	106	101	99	95
	LCS 580-92970/5	105	102	98	98	95
	LCSD 580-92970/6	103	101	100	100	97

	QC LIMITS
FB = Fluorobenzene (Surr)	80-120
TFT = Trifluorotoluene (Surr)	80-120
TOL = Toluene-d8 (Surr)	85-120
EBD10 = Ethylbenzene-d10	80-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3016682.D

Lab ID: LCS 580-92970/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	20.1	22.6	113	70-130	
Benzene	20.1	22.9	114	80-120	
Trichloroethene	20.1	20.8	104	70-125	
Toluene	20.1	21.6	108	75-120	
Chlorobenzene	20.1	20.9	104	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Matrix: Water Level: Low Lab File ID: G3016683.D

Lab ID: LCSD 580-92970/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	20.1	22.7	113	0	30	70-130	
Benzene	20.1	22.3	111	3	30	80-120	
Trichloroethene	20.1	20.6	103	1	30	70-125	
Toluene	20.1	21.8	109	1	30	75-120	
Chlorobenzene	20.1	21.2	106	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab File ID: G3016681.D Lab Sample ID: MB 580-92970/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: TAC001 Date Analyzed: 08/16/2011 15:31

GC Column: ZB-624short ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 580-92970/5	G3016682.D	08/16/2011 15:58
	LCSD 580-92970/6	G3016683.D	08/16/2011 16:24
TB-02-08082011	580-27877-2	G3016687.D	08/16/2011 18:10
MW-06-08082011	580-27877-1	G3016689.D	08/16/2011 19:03
EW-A-08082011	580-27877-3	G3016690.D	08/16/2011 19:29
EW-B-08082011	580-27877-4	G3016691.D	08/16/2011 19:56
MW-07-08082011	580-27877-5	G3016692.D	08/16/2011 20:22
MW-05-08082011	580-27877-6	G3016693.D	08/16/2011 20:49

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab File ID: G3016474.D BFB Injection Date: 08/02/2011

Instrument ID: TAC001 BFB Injection Time: 07:31

Analysis Batch No.: 91758

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.7	
75	30.0 - 60.0 % of mass 95	42.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	99.8	
175	5.0 - 9.0 % of mass 174	7.6	(7.6)1
176	95.0 - 101.0 % of mass 174	98.7	(98.9)1
177	5.0 - 9.0 % of mass 176	7.6	(7.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 580-91758/3	G3016476.D	08/02/2011	08:22
	STD2 580-91758/4	G3016477.D	08/02/2011	08:46
	STD5 580-91758/5	G3016478.D	08/02/2011	09:11
	STD10 580-91758/6	G3016479.D	08/02/2011	09:35
	STD20 580-91758/7	G3016480.D	08/02/2011	10:00
	STD50IS 580-91758/8	G3016481.D	08/02/2011	10:25
	STD100 580-91758/9	G3016482.D	08/02/2011	10:49
	STD150 580-91758/10	G3016483.D	08/02/2011	11:14
	STD200 580-91758/11	G3016484.D	08/02/2011	11:38
	ICV 580-91758/14	G3016487.D	08/02/2011	12:54
	ICV 580-91758/15	G3016488.D	08/02/2011	13:18
	ICV 580-91758/16	G3016489.D	08/02/2011	13:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab File ID: G3016678.D BFB Injection Date: 08/16/2011

Instrument ID: TAC001 BFB Injection Time: 14:11

Analysis Batch No.: 92970

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.3	
75	30.0 - 60.0 % of mass 95	43.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	96.9	
175	5.0 - 9.0 % of mass 174	7.2	(7.5)1
176	95.0 - 101.0 % of mass 174	97.4	(100.5)1
177	5.0 - 9.0 % of mass 176	6.6	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 580-92970/2	G3016679.D	08/16/2011	14:38
	MB 580-92970/4	G3016681.D	08/16/2011	15:31
	LCS 580-92970/5	G3016682.D	08/16/2011	15:58
	LCSD 580-92970/6	G3016683.D	08/16/2011	16:24
TB-02-08082011	580-27877-2	G3016687.D	08/16/2011	18:10
MW-06-08082011	580-27877-1	G3016689.D	08/16/2011	19:03
EW-A-08082011	580-27877-3	G3016690.D	08/16/2011	19:29
EW-B-08082011	580-27877-4	G3016691.D	08/16/2011	19:56
MW-07-08082011	580-27877-5	G3016692.D	08/16/2011	20:22
MW-05-08082011	580-27877-6	G3016693.D	08/16/2011	20:49

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Sample No.: STD50IS 580-91758/8 Date Analyzed: 08/02/2011 10:25

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3016481.D Heated Purge: (Y/N) N

Calibration ID: 8638

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		667075	2.32	791202	2.62	202520	4.76
UPPER LIMIT		1334150	2.82	1582404	3.12	405040	5.26
LOWER LIMIT		333538	1.82	395601	2.12	101260	4.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 580-91758/14		691414	2.32	830179	2.62	212562	4.76
ICV 580-91758/15		704200	2.32	816175	2.62	216946	4.76
ICV 580-91758/16		683658	2.32	818813	2.62	207258	4.76

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Sample No.: CCVIS 580-92970/2 Date Analyzed: 08/16/2011 14:38

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm)

Lab File ID (Standard): G3016679.D Heated Purge: (Y/N) N

Calibration ID: 8638

		PFB		DFB		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		642316	2.32	778971	2.62	202929	4.76
UPPER LIMIT		1284632	2.82	1557942	3.12	405858	5.26
LOWER LIMIT		321158	1.82	389486	2.12	101465	4.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 580-92970/4		634240	2.32	769236	2.62	192800	4.76
LCS 580-92970/5		621999	2.32	767411	2.62	197924	4.76
LCSD 580-92970/6		623919	2.32	754185	2.62	191153	4.76
580-27877-2	TB-02-08082011	652804	2.32	794416	2.62	197902	4.76
580-27877-1	MW-06-08082011	664176	2.32	792394	2.62	197395	4.76
580-27877-3	EW-A-08082011	645539	2.32	781508	2.61	196440	4.76
580-27877-4	EW-B-08082011	632706	2.32	775596	2.62	191750	4.76
580-27877-5	MW-07-08082011	633428	2.32	773900	2.61	188600	4.76
580-27877-6	MW-05-08082011	615014	2.32	748365	2.62	188848	4.76

PFB = Pentafluorobenzene
DFB = 1,4-Difluorobenzene
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: MW-06-08082011 | Lab Sample ID: 580-27877-1

Matrix: Water | Lab File ID: G3016689.D

Analysis Method: 8260B | Date Collected: 08/08/2011 08:06

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 19:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: MW-06-08082011 | Lab Sample ID: 580-27877-1

Matrix: Water | Lab File ID: G3016689.D

Analysis Method: 8260B | Date Collected: 08/08/2011 08:06

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 19:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	102		80-120
2037-26-5	Toluene-d8 (Surr)	99		85-120
25837-05-2	Ethylbenzene-d10	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		75-120
98-08-8	Trifluorotoluene (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: TB-02-08082011 | Lab Sample ID: 580-27877-2

Matrix: Water | Lab File ID: G3016687.D

Analysis Method: 8260B | Date Collected: 08/08/2011 08:00

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 18:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: TB-02-08082011 | Lab Sample ID: 580-27877-2

Matrix: Water | Lab File ID: G3016687.D

Analysis Method: 8260B | Date Collected: 08/08/2011 08:00

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 18:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
25837-05-2	Ethylbenzene-d10	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		75-120
98-08-8	Trifluorotoluene (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: EW-A-08082011 | Lab Sample ID: 580-27877-3

Matrix: Water | Lab File ID: G3016690.D

Analysis Method: 8260B | Date Collected: 08/08/2011 10:48

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 19:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: EW-A-08082011 | Lab Sample ID: 580-27877-3

Matrix: Water | Lab File ID: G3016690.D

Analysis Method: 8260B | Date Collected: 08/08/2011 10:48

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 19:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	99		85-120
25837-05-2	Ethylbenzene-d10	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120
98-08-8	Trifluorotoluene (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: EW-B-08082011 | Lab Sample ID: 580-27877-4

Matrix: Water | Lab File ID: G3016691.D

Analysis Method: 8260B | Date Collected: 08/08/2011 12:23

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 19:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: EW-B-08082011 | Lab Sample ID: 580-27877-4

Matrix: Water | Lab File ID: G3016691.D

Analysis Method: 8260B | Date Collected: 08/08/2011 12:23

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 19:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
25837-05-2	Ethylbenzene-d10	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120
98-08-8	Trifluorotoluene (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: MW-07-08082011 | Lab Sample ID: 580-27877-5

Matrix: Water | Lab File ID: G3016692.D

Analysis Method: 8260B | Date Collected: 08/08/2011 14:39

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 20:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: MW-07-08082011 | Lab Sample ID: 580-27877-5

Matrix: Water | Lab File ID: G3016692.D

Analysis Method: 8260B | Date Collected: 08/08/2011 14:39

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 20:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
25837-05-2	Ethylbenzene-d10	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		75-120
98-08-8	Trifluorotoluene (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: MW-05-08082011 | Lab Sample ID: 580-27877-6

Matrix: Water | Lab File ID: G3016693.D

Analysis Method: 8260B | Date Collected: 08/08/2011 16:07

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 20:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: MW-05-08082011 | Lab Sample ID: 580-27877-6

Matrix: Water | Lab File ID: G3016693.D

Analysis Method: 8260B | Date Collected: 08/08/2011 16:07

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 20:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	99		85-120
25837-05-2	Ethylbenzene-d10	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120
98-08-8	Trifluorotoluene (Surr)	103		80-120

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-91758/3	G3016476.D
Level 2	STD2 580-91758/4	G3016477.D
Level 3	STD5 580-91758/5	G3016478.D
Level 4	STD10 580-91758/6	G3016479.D
Level 5	STD20 580-91758/7	G3016480.D
Level 6	STD50IS 580-91758/8	G3016481.D
Level 7	STD100 580-91758/9	G3016482.D
Level 8	STD150 580-91758/10	G3016483.D
Level 9	STD200 580-91758/11	G3016484.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1843 0.2372	0.1931 0.2195	0.2289 0.2213	0.2075 +++++	0.2201	Ave		0.2138				8.4		15.0			
Chloromethane	0.2102 0.2439	0.2103 0.2230	0.2165 0.2175	0.2061 0.2419	0.2155	Ave		0.2204			0.1000	6.2		15.0			
Vinyl chloride	0.1549 0.1696	0.1559 0.1568	0.1706 0.1586	0.1535 0.1679	0.1553	Ave		0.1602				4.3		15.0			
Bromomethane	+++++ 0.0333	+++++ 0.0230	0.0329 +++++	0.0288 +++++	0.0261	Ave		0.0288				15.0		15.0			
Chloroethane	0.0569 0.0363	0.0457 0.0303	0.0404 0.0293	0.0367 0.0279	0.0378	Lin1	0.0394	0.0296							0.9920		0.9900
Trichlorofluoromethane	0.2607 0.3300	0.2945 0.3094	0.3288 0.3015	0.3203 0.2933	0.3217	Ave		0.3065				7.2		15.0			
Ethyl ether	0.1509 0.1389	0.1439 0.1312	0.1506 0.1255	0.1519 0.1208	0.1443	Ave		0.1397				8.2		15.0			
Acrolein	0.0199 0.0180	0.0203 0.0185	0.0210 0.0186	0.0204 0.0182	0.0188	Ave		0.0193				5.8		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1770 0.1818	0.1733 0.1671	0.1847 0.1623	0.1742 0.1647	0.1701	Ave		0.1727				4.4		15.0			
1,1-Dichloroethene	0.2423 0.2172	0.2243 0.2096	0.2319 0.2047	0.2265 0.1970	0.2191	Ave		0.2190				6.4		15.0			
Acetone	+++++ 0.0239	0.0496 0.0247	0.0389 0.0228	0.0301 +++++	0.0266	Lin1	0.3103	0.0231							0.9980		0.9900
Iodomethane	0.5181 0.4924	0.5209 0.4514	0.5533 0.4310	0.5409 0.3937	0.5114	Ave		0.4900				11.0		15.0			
Carbon disulfide	0.6664 0.6640	0.6508 0.6515	0.6984 0.6476	0.6936 0.6244	0.6752	Ave		0.6630				3.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetonitrile	0.0380 0.0357	0.0358 0.0357	0.0379 0.0355	0.0376 0.0344	0.0356	Ave		0.0362				3.4		15.0			
Methyl acetate	0.0229 0.0198	0.0192 0.0198	0.0204 0.0195	0.0216 0.0204	0.0200	Ave		0.0204				5.6		15.0			
Methylene Chloride	0.2069 0.1995	0.2051 0.1992	0.2032 0.1992	0.2130 0.1949	0.2025	Ave		0.2024				2.6		15.0			
t-Butyl alcohol	0.0071 0.0068	0.0086 0.0073	0.0086 0.0074	0.0086 0.0067	0.0075	Ave		0.0076				10.0		15.0			
Methyl tert-butyl ether	0.5350 0.4989	0.5130 0.4827	0.5448 0.4831	0.5396 0.4737	0.5141	Ave		0.5091				5.2		15.0			
trans-1,2-Dichloroethene	0.2430 0.2307	0.2368 0.2236	0.2418 0.2199	0.2379 0.2153	0.2300	Ave		0.2308				4.2		15.0			
Acrylonitrile	0.0365 0.0311	0.0320 0.0305	0.0344 0.0302	0.0333 0.0290	0.0309	Lin1	0.0503	0.0299							0.9990		0.9900
Hexane	0.2914 0.2590	0.2552 0.2578	0.2644 0.2588	0.2629 0.2505	0.2578	Ave		0.2618				4.5		15.0			
1,1-Dichloroethane	0.4027 0.3577	0.3786 0.3484	0.3808 0.3493	0.3751 0.3414	0.3593	Ave		0.3656			0.1000	5.4		15.0			
Diisopropyl ether	0.6068 0.6013	0.6559 0.5664	0.6588 0.5511	0.6495 0.5273	0.6131	Ave		0.6029				7.9		15.0			
Vinyl acetate	0.0310 0.0281	0.0326 0.0270	0.0312 0.0263	0.0294 0.0252	0.0283	Ave		0.0288				8.6		15.0			
Ethyl t-butyl ether	0.2501 0.2610	0.2635 0.2572	0.2818 0.2569	0.2771 0.2502	0.2709	Ave		0.2630				4.3		15.0			
2,2-Dichloropropane	0.2941 0.2956	0.3259 0.2737	0.3274 0.2619	0.3095 0.2582	0.2997	Ave		0.2938				8.6		15.0			
cis-1,2-Dichloroethene	0.2582 0.2363	0.2414 0.2307	0.2470 0.2289	0.2431 0.2224	0.2386	Ave		0.2383				4.5		15.0			
2-Butanone	0.0134 0.0114	0.0122 0.0113	0.0119 0.0113	0.0125 0.0110	0.0123	Ave		0.0119				6.5		15.0			
Ethyl acetate	0.0173 0.0128	0.0130 0.0125	0.0149 0.0118	0.0127 0.0124	0.0113	Ave		0.0132				14.0		15.0			
Methacrylonitrile	0.0619 0.0590	0.0646 0.0562	0.0642 0.0532	0.0634 0.0531	0.0621	Ave		0.0597				7.6		15.0			
Chlorobromomethane	0.1838 0.1748	0.1797 0.1678	0.1868 0.1635	0.1920 0.1606	0.1792	Ave		0.1763				6.1		15.0			
Tetrahydrofuran	0.0522 0.0167	0.0341 0.0156	0.0236 0.0151	0.0207 0.0156	0.0180	Lin2	0.1831	0.0158							0.9980		0.9900
Chloroform	0.4723 0.4602	0.4519 0.4477	0.4633 0.4473	0.4828 0.4384	0.4536	Ave		0.4571				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.4046 0.3981	0.3958 0.3845	0.4215 0.3810	0.4045 0.3729	0.4033	Ave		0.3959				3.7		15.0			
Cyclohexane	0.3578 0.3734	0.4881 0.3496	0.4530 0.3367	0.4214 0.3300	0.3875	Ave		0.3883				14.0		15.0			
1,1-Dichloropropene	0.3910 0.3607	0.3727 0.3495	0.3735 0.3467	0.3608 0.3374	0.3646	Ave		0.3616				4.5		15.0			
Carbon tetrachloride	0.3626 0.3607	0.3685 0.3514	0.3690 0.3463	0.3594 0.3381	0.3602	Ave		0.3571				2.9		15.0			
Isobutanol	0.0073 0.0039	0.0037 0.0039	0.0042 0.0039	0.0045 0.0037	0.0039	Lin1	0.0247	0.0038							0.9990		0.9900
Benzene	1.0880 1.0211	1.0632 0.9918	1.0498 0.9658	1.0587 0.9355	1.0274	Ave		1.0216				4.9		15.0			
1,2-Dichloroethane	0.2781 0.2652	0.2731 0.2576	0.2594 0.2562	0.2723 0.2563	0.2676	Ave		0.2649				3.1		15.0			
Tert-amyl methyl ether	0.6558 0.6425	0.6659 0.6088	0.7060 0.6014	0.6876 0.5917	0.6643	Ave		0.6466				6.1		15.0			
n-Butyl alcohol	0.0044 0.0020	0.0025 0.0021	0.0020 0.0020	0.0025 0.0023	0.0021	Lin1	0.0153	0.0021							0.9960		0.9900
Trichloroethene	0.2696 0.2535	0.2616 0.2494	0.2759 0.2394	0.2592 0.2361	0.2615	Ave		0.2563				5.1		15.0			
Methylcyclohexane	0.3879 0.3434	0.3607 0.3250	0.3759 0.3124	0.3723 0.3021	0.3536	Ave		0.3483				8.5		15.0			
1,2-Dichloropropane	0.2198 0.1904	0.2043 0.1831	0.1981 0.1709	0.2066 0.1667	0.1994	Ave		0.1933				8.9		15.0			
Dibromomethane	0.1277 0.1296	0.1281 0.1294	0.1333 0.1246	0.1406 0.1288	0.1287	Ave		0.1301				3.5		15.0			
Dichlorobromomethane	0.2391 0.2477	0.2361 0.2475	0.2443 0.2371	0.2476 0.2368	0.2469	Ave		0.2426				2.1		15.0			
2-Chloroethyl vinyl ether	0.0916 0.0717	0.0864 0.0660	0.0854 0.0594	0.0825 0.0570	0.0787	Lin1	0.3376	0.0613							0.9900		0.9900
cis-1,3-Dichloropropene	0.2998 0.2977	0.2813 0.2910	0.2971 0.2750	0.2965 0.2751	0.3004	Ave		0.2905				3.6		15.0			
4-Methyl-2-pentanone	0.0390 0.0401	0.0433 0.0407	0.0453 0.0380	0.0455 0.0387	0.0431	Ave		0.0415				6.9		15.0			
Toluene	0.9006 0.8311	0.8479 0.7928	0.8623 0.7386	0.8578 0.7163	0.8533	Ave		0.8226				7.4		15.0			
trans-1,3-Dichloropropene	0.2177 0.2232	0.2044 0.2184	0.2211 0.2065	0.2287 0.2105	0.2234	Ave		0.2172				3.8		15.0			
1,1,2-Trichloroethane	0.1429 0.1266	0.1282 0.1221	0.1305 0.1141	0.1293 0.1151	0.1291	Ave		0.1265				6.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Tetrachloroethene	0.2402 0.2109	0.2127 0.2056	0.2342 0.1948	0.2231 0.1906	0.2196	Ave		0.2147				7.7		15.0			
1,3-Dichloropropane	0.2220 0.2121	0.2172 0.2001	0.2255 0.1893	0.2179 0.1857	0.2067	Ave		0.2086				6.8		15.0			
2-Hexanone	0.0382 0.0371	0.0403 0.0361	0.0406 0.0348	0.0408 0.0359	0.0396	Ave		0.0382				6.0		15.0			
Chlorodibromomethane	0.1538 0.1611	0.1421 0.1595	0.1535 0.1539	0.1523 0.1610	0.1546	Ave		0.1547				3.8		15.0			
Ethylene Dibromide	0.1295 0.1235	0.1423 0.1194	0.1300 0.1115	0.1285 0.1129	0.1310	Ave		0.1255				7.7		15.0			
Chlorobenzene	2.1148 2.0051	2.0167 1.9591	1.9926 1.9276	2.0480 1.7490	2.0306	Ave		1.9826			0.3000	5.2		15.0			
Ethylbenzene	3.3562 3.1198	3.2137 3.0005	3.1870 2.8595	3.2725 2.5436	3.2517	Ave		3.0894				8.2		15.0			
1,1,1,2-Tetrachloroethane	0.7290 0.6737	0.6802 0.6482	0.6643 0.6301	0.6946 0.6060	0.6821	Ave		0.6676				5.4		15.0			
m-Xylene & p-Xylene	2.5705 2.3667	2.4260 2.2200	2.4465 2.1106	2.5380 1.8051	2.4772	Ave		2.3290				11.0		15.0			
o-Xylene	2.4720 2.2815	2.3468 2.1493	2.3772 2.0328	2.4137 1.9255	2.3802	Ave		2.2643				8.3		15.0			
Styrene	1.8884 1.8653	1.8418 1.7570	1.8840 1.6768	1.9383 1.6577	1.9283	Ave		1.8264				5.7		15.0			
Bromoform	0.2734 0.3136	0.2685 0.3318	0.2546 0.3465	0.2703 0.3554	0.2957	Ave		0.3011			0.1000	12.0		15.0			
Isopropylbenzene	2.8029 2.8013	2.8273 2.5818	2.8138 2.4512	2.8899 2.2357	2.8255	Ave		2.6921				8.2		15.0			
cis-1,4-Dichloro-2-butene	0.1088 0.1524	0.1274 0.1518	0.1264 0.1520	0.1417 0.1507	0.1461	Ave		0.1397				11.0		15.0			
1,1,2,2-Tetrachloroethane	0.4369 0.4000	0.4203 0.3863	0.4067 0.3792	0.4005 0.3855	0.4154	Ave		0.4034			0.3000	4.6		15.0			
Bromobenzene	0.8179 0.7922	0.7900 0.7636	0.7939 0.7655	0.8012 0.7016	0.8096	Ave		0.7817				4.5		15.0			
trans-1,4-Dichloro-2-butene	0.0845 0.1013	0.0965 0.0950	0.0929 0.0946	0.1004 0.0943	0.1001	Ave		0.0955				5.4		15.0			
1,2,3-Trichloropropane	0.1499 0.1160	0.1390 0.1110	0.1142 0.1076	0.1214 0.1084	0.1216	Ave		0.1210				12.0		15.0			
N-Propylbenzene	3.3035 3.2093	3.2675 2.9791	3.3300 2.7840	3.3749 2.5594	3.3860	Ave		3.1326				9.4		15.0			
2-Chlorotoluene	0.6812 0.7147	0.7601 0.6788	0.7327 0.6596	0.7374 0.6269	0.7383	Ave		0.7033				6.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3,5-Trimethylbenzene	2.2732 2.1351	2.0881 1.9941	2.1806 1.9387	2.1871 1.8933	2.1884	Ave		2.0976				6.2		15.0			
4-Chlorotoluene	0.7352 0.7554	0.7450 0.6418	0.7329 0.7305	0.7533 0.5683	0.7196	Ave		0.7091				8.9		15.0			
tert-Butylbenzene	1.7995 1.9857	1.9383 1.7988	1.9631 1.7262	1.9844 1.6585	2.1267	Ave		1.8868				7.9		15.0			
1,2,4-Trimethylbenzene	2.1161 2.0638	2.0357 1.9387	2.0797 1.8839	2.1142 1.8675	2.1471	Ave		2.0274				5.2		15.0			
sec-Butylbenzene	2.7161 2.5795	2.6533 2.4118	2.7244 2.3551	2.6999 2.3700	2.6925	Ave		2.5781				6.1		15.0			
4-Isopropyltoluene	2.3089 2.1882	2.2263 2.0652	2.3182 2.0278	2.2545 2.0556	2.2930	Ave		2.1931				5.3		15.0			
1,3-Dichlorobenzene	1.2695 1.3069	1.3207 1.2862	1.3460 1.2689	1.3146 1.2738	1.3351	Ave		1.3024				2.2		15.0			
1,4-Dichlorobenzene	1.3232 1.3751	1.3530 1.3231	1.3616 1.3436	1.3524 1.3544	1.3574	Ave		1.3493				1.3		15.0			
2-Ethyl-1-Hexanol	0.0175 0.0203	0.0174 0.0277	0.0200 0.0346	0.0195 0.0367	0.0205	Qua2	-0.019	0.0182	0						0.9970		0.9900
n-Butylbenzene	0.5455 0.5362	0.5152 0.5198	0.5609 0.5102	0.5560 0.5348	0.5543	Ave		0.5370				3.5		15.0			
1,2-Dichlorobenzene	1.0833 1.1401	1.1102 1.1264	1.1146 1.1409	1.1226 1.1617	1.1268	Ave		1.1252				2.0		15.0			
Hexachloroethane	0.3258 0.3281	0.2902 0.3338	0.2882 0.3416	0.2852 0.3626	0.3066	Ave		0.3180				8.5		15.0			
1,2-Dibromo-3-Chloropropane	0.0818 0.0859	0.0788 0.0897	0.0740 0.0916	0.0756 0.0967	0.0804	Ave		0.0838				9.1		15.0			
1,3,5-Trichlorobenzene	0.9129 0.9318	0.9109 0.9207	0.9329 0.9457	0.9165 1.0045	0.9474	Ave		0.9359				3.1		15.0			
1,2,4-Trichlorobenzene	0.7962 0.8017	0.7705 0.8031	0.7822 0.8232	0.7822 0.8824	0.8091	Ave		0.8056				4.1		15.0			
Hexachlorobutadiene	0.3915 0.3349	0.3353 0.3576	0.3593 0.3850	0.3446 0.4177	0.3459	Ave		0.3635				7.9		15.0			
Naphthalene	1.2141 1.2297	1.1808 1.2535	1.1724 1.2740	1.1833 1.3350	1.2124	Ave		1.2284				4.3		15.0			
1,2,3-Trichlorobenzene	0.6271 0.6316	0.6123 0.6442	0.6250 0.6675	0.6152 0.7085	0.6256	Ave		0.6397				4.8		15.0			
Fluorobenzene (Surr)	1.3044 1.3326	1.3364 1.3440	1.3521 1.3764	1.3322 1.3705	1.3386	Ave		1.3420				1.6		15.0			
Trifluorotoluene (Surr)	0.5252 0.4705	0.4811 0.4512	0.5070 0.4411	0.4955 0.4229	0.4841	Ave		0.4756				6.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	0.9869 0.9585	0.9836 0.9530	0.9899 0.9197	0.9988 0.9022	0.9787	Ave		0.9638				3.5		15.0			
Ethylbenzene-d10	0.3424 0.3178	0.3333 0.3001	0.3369 0.2754	0.3401 0.2644	0.3271	Ave		0.3154				9.2		15.0			
4-Bromofluorobenzene (Surr)	1.0326 1.0224	1.0616 1.0754	1.0229 1.0115	1.0677 1.0582	1.0641	Ave		1.0463				2.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 580-91758/3	G3016476.D
Level 2	STD2 580-91758/4	G3016477.D
Level 3	STD5 580-91758/5	G3016478.D
Level 4	STD10 580-91758/6	G3016479.D
Level 5	STD20 580-91758/7	G3016480.D
Level 6	STD50IS 580-91758/8	G3016481.D
Level 7	STD100 580-91758/9	G3016482.D
Level 8	STD150 580-91758/10	G3016483.D
Level 9	STD200 580-91758/11	G3016484.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	PFB	Ave	4984 316317	10423 608411	30196 904550	58027 +++++	121571	0.999 50.0	2.00 99.9	5.00 150	9.99 +++++	20.0
Chloromethane	PFB	Ave	5691 325583	11369 618696	28604 889983	57684 1243496	119137	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl chloride	PFB	Ave	4193 226367	8422 434800	22528 648568	42955 863048	85849	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Bromomethane	PFB	Ave	+++++ 44485	+++++ 63682	4345 +++++	8053 +++++	14416	+++++ 50.0	+++++ 100	5.00 +++++	10.0 +++++	20.0
Chloroethane	PFB	Lin1	1540 48357	2467 83943	5327 119911	10255 143098	20879	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Trichlorofluoromethane	PFB	Ave	7055 440281	15910 857822	43410 1232901	89605 1507045	177772	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Ethyl ether	PFB	Ave	20440 927563	38911 1821365	99482 2569835	212690 3107201	399041	5.01 250	10.0 501	25.0 751	50.1 1001	100
Acrolein	PFB	Ave	2719 120836	5528 258143	13995 384097	28809 470519	52422	5.04 252	10.1 504	25.2 756	50.4 1008	101
1,1,2-Trichloro-1,2,2-trifluoroetha ne	PFB	Ave	4779 241892	9341 462203	24317 662026	48612 844308	93755	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
1,1-Dichloroethene	PFB	Ave	6550 289459	12104 580700	30579 836272	63310 1011472	120939	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
Acetone	PFB	Lin1	+++++ 159489	13389 342892	25652 465483	42105 +++++	73592	+++++ 250	10.0 500	25.0 750	50.0 +++++	100
Iodomethane	PFB	Ave	70461 3301250	141414 6290321	367082 8858901	760369 10165263	1419963	5.03 251	10.1 503	25.1 754	50.3 1005	101
Carbon disulfide	PFB	Ave	18060 887204	35209 1809488	92340 2652708	194342 3213235	373650	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Acetonitrile	PFB	Ave	10265 475597	19320 989210	49947 1450464	105013 1767290	196782	10.00 500	20.0 1000	50.0 1499	100.0 1999	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methyl acetate	PFB	Ave	3107 132677	5204 276040	13528 401165	30346 525770	55540	5.02 251	10.0 502	25.1 753	50.2 1004	100
Methylene Chloride	PFB	Ave	5584 265527	11053 550908	26763 812878	59426 998849	111598	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
t-Butyl alcohol	PFB	Ave	959 45556	2311 101643	5708 151209	12064 172653	20847	5.00 250	10.0 500	25.0 750	50.0 1000	100
Methyl tert-butyl ether	PFB	Ave	14479 665616	27711 1338525	71930 1975914	150968 2433986	284078	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
trans-1,2-Dichloroethene	PFB	Ave	6577 307827	12793 620137	31920 899449	66541 1106135	127068	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Acrylonitrile	PFB	Lin1	4944 207662	8659 422967	22727 618610	46589 746779	85576	5.01 250	10.0 501	25.0 751	50.1 1001	100
Hexane	PFB	Ave	7905 346432	13822 716652	34997 1060947	73719 1290526	142812	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
1,1-Dichloroethane	PFB	Ave	10893 476946	20443 965653	50243 1427860	104881 1753419	198418	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Diisopropyl ether	PFB	Ave	16421 802175	35434 1570815	86976 2254079	181700 2709246	338784	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Vinyl acetate	PFB	Ave	4225 188599	8864 376424	20731 540885	41410 651308	78731	5.03 252	10.1 503	25.2 755	50.3 1007	101
Ethyl t-butyl ether	PFB	Ave	6767 348231	14235 713332	37204 1050589	77510 1285621	149692	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2,2-Dichloropropane	PFB	Ave	7958 394351	17604 758971	43228 1071333	86585 1326709	165609	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,2-Dichloroethene	PFB	Ave	7000 315886	13065 640960	32674 938080	68140 1145242	132110	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Butanone	PFB	Ave	1817 76195	3304 156151	7880 230522	17445 281619	33920	5.00 250	10.0 500	25.0 750	50.0 1000	100
Ethyl acetate	PFB	Ave	2330 85289	3493 173399	9828 241563	17661 317372	31088	4.99 249	9.97 499	24.9 748	49.9 997	99.7
Methacrylonitrile	PFB	Ave	8479 398617	17687 790020	42906 1102901	89858 1381778	173894	5.07 253	10.1 507	25.3 760	50.7 1013	101
Chlorobromomethane	PFB	Ave	4982 233545	9723 466121	24693 669817	53795 826532	99179	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrahydrofuran	PFB	Lin2	7073 111517	9217 216682	15617 308634	28954 401674	49730	5.01 250	10.0 501	25.0 751	50.1 1001	100
Chloroform	PFB	Ave	12794 614549	24435 1242826	61222 1831192	135204 2254773	250873	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,1,1-Trichloroethane	PFB	Ave	10944 530895	21371 1065812	55621 1557400	113119 1915035	222730	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Cyclohexane	PFB	Ave	9683 498106	26368 969624	59804 1377081	117887 1695843	214146	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,1-Dichloropropene	PFB	Ave	10480 476696	19943 959935	48842 1404532	99972 1717004	199550	0.991 49.5	1.98 99.1	4.95 149	9.91 198	19.8
Carbon tetrachloride	PFB	Ave	9827 481992	19935 975835	48785 1418310	100692 1739689	199331	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Isobutanol	PFB	Lin1	1960 51686	1996 109375	5554 158658	12694 191971	21768	9.99 499	20.0 999	49.9 1498	99.9 1997	200
Benzene	PFB	Ave	29415 1360959	57381 2747585	138463 3946030	295872 4802110	567129	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,2-Dichloroethane	PFB	Ave	7522 353627	14744 714091	34223 1047160	76132 1316137	147793	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Tert-amyl methyl ether	PFB	Ave	17746 857236	35973 1688325	93203 2459623	192353 3040570	367091	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
n-Butyl alcohol	DFB	Lin1	1370 31716	1591 68879	3105 100054	7971 139804	13548	10.0 501	20.0 1001	50.1 1502	100 2002	200
Trichloroethene	DFB	Ave	8379 401212	16449 815831	42084 1181187	83429 1459440	167527	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Methylcyclohexane	DFB	Ave	12049 543170	22670 1062666	57311 1540576	119781 1866411	226408	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2-Dichloropropane	DFB	Ave	6982 307974	13130 611964	30878 861753	67954 1053052	130547	1.02 51.1	2.04 102	5.11 153	10.2 204	20.4
Dibromomethane	DFB	Ave	3994 206388	8105 425786	20455 618509	45529 800548	82979	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1
Dichlorobromomethane	DFB	Ave	7438 392351	14861 810240	37307 1170957	79776 1465102	158325	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
2-Chloroethyl vinyl ether	DFB	Lin1	14318 570482	27339 1086026	65555 1473481	133570 1773733	253537	5.03 252	10.1 503	25.2 755	50.3 1006	101
cis-1,3-Dichloropropene	DFB	Ave	9244 467346	17545 944360	44961 1345958	94684 1686828	190897	0.992 49.6	1.98 99.2	4.96 149	9.92 198	19.8
4-Methyl-2-pentanone	DFB	Ave	6056 317001	13612 665007	34563 938342	73228 1194645	138061	5.00 250	10.0 500	25.0 750	50.0 1000	100
Toluene	DFB	Ave	27978 1314449	53288 2591899	131470 3642751	276002 4425183	546428	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
trans-1,3-Dichloropropene	DFB	Ave	6903 360290	13106 728798	34393 1039410	75076 1326994	146015	1.02 51.0	2.04 102	5.10 153	10.2 204	20.4
1,1,2-Trichloroethane	DFB	Ave	4450 200671	8079 400060	19941 564220	41704 712572	82906	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Tetrachloroethene	DFB	Ave	7478 334167	13394 673621	35770 962844	71927 1180075	140900	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,3-Dichloropropane	DFB	Ave	6894 335284	13645 653994	34355 933131	70087 1146367	132301	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Hexanone	DFB	Ave	5936 293558	12671 589722	30932 858158	65683 1108561	127003	5.00 250	10.0 500	25.0 750	50.0 1000	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorodibromomethane	DFB	Ave	4743 253007	8869 517786	23237 753707	48661 987496	98290	0.993 49.6	1.99 99.3	4.96 149	9.93 199	19.9
Ethylene Dibromide	DFB	Ave	4036 196047	8973 391886	19886 552036	41496 699844	84192	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
Chlorobenzene	DCB	Ave	18038 810528	33822 1542150	84213 2178446	172503 2654342	332479	0.998 49.9	2.00 99.8	4.99 150	9.98 200	20.0
Ethylbenzene	DCB	Ave	28670 1263018	53978 2365416	134896 3236438	276054 3865906	533210	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,1,1,2-Tetrachloroethane	DCB	Ave	6249 273678	11465 512828	28218 715666	58797 924220	112247	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
m-Xylene & p-Xylene	DCB	Ave	43993 1919610	81638 3506320	207467 4785993	428929 5496822	813837	2.00 100	4.01 200	10.0 300	20.0 401	40.1
o-Xylene	DCB	Ave	21148 925037	39477 1696885	100771 2304184	203916 2930985	390884	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
Styrene	DCB	Ave	16204 758560	31074 1391340	80104 1906416	164239 2530827	317625	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
Bromoform	DCB	Ave	2372 128917	4579 265654	10944 398287	23155 548574	49246	1.02 50.8	2.03 102	5.08 152	10.2 203	20.3
Isopropylbenzene	DCB	Ave	23967 1135210	47535 2037375	119216 2777128	244020 3401383	463783	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
cis-1,4-Dichloro-2-butene	DCB	Ave	4654 309045	10714 599254	26798 861243	59845 1147055	119976	5.01 250	10.0 501	25.0 751	50.1 1001	100
1,1,2,2-Tetrachloroethane	DCB	Ave	3743 162441	7080 305457	17268 430441	33882 587716	68329	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
Bromobenzene	DCB	Ave	7039 323118	13368 606485	33855 872899	68096 1074310	133748	1.01 50.4	2.01 101	5.04 151	10.1 201	20.1
trans-1,4-Dichloro-2-butene	DCB	Ave	3609 205117	8107 374579	19663 535881	42368 717034	82119	5.00 250	10.0 500	25.0 750	50.0 1000	100
1,2,3-Trichloropropane	DCB	Ave	1295 47470	2361 88435	4886 123139	10352 166569	20158	1.01 50.5	2.02 101	5.05 152	10.1 202	20.2
N-Propylbenzene	DCB	Ave	28234 1299906	54908 2349734	141019 3152523	284835 3891965	555515	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
2-Chlorotoluene	DCB	Ave	5848 290765	12831 537793	31166 750238	62514 957645	121667	1.00 50.2	2.01 100	5.02 151	10.0 201	20.1
1,3,5-Trimethylbenzene	DCB	Ave	19448 865667	35124 1574353	92435 2197574	184770 2881951	359392	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Chlorotoluene	DCB	Ave	6299 306744	12551 507468	31116 829245	63735 866342	118360	1.00 50.1	2.01 100	5.01 150	10.0 201	20.1
tert-Butylbenzene	DCB	Ave	15372 803898	32556 1418027	83091 1953777	167394 2520745	348741	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
1,2,4-Trimethylbenzene	DCB	Ave	18185 840513	34397 1537540	88556 2144990	179412 2855455	354192	1.01 50.3	2.01 101	5.03 151	10.1 201	20.1

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
sec-Butylbenzene	DCB	Ave	23248 1046356	44655 1905142	115546 2670873	228205 3609344	442403	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
4-Isopropyltoluene	DCB	Ave	19714 885425	37375 1627252	98072 2293945	190086 3122696	375812	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
1,3-Dichlorobenzene	DCB	Ave	10855 529608	22205 1014965	57030 1437560	111006 1937983	219155	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,4-Dichlorobenzene	DCB	Ave	11298 556429	22713 1042493	57604 1519971	114023 2057561	222482	0.999 50.0	2.00 99.9	5.00 150	9.99 200	20.0
2-Ethyl-1-Hexanol	DCB	Qua2	3737 205760	7317 545010	21167 980185	41119 1393271	84024	25.0 1250	50.0 2499	125 3749	250 4998	500
n-Butylbenzene	DCB	Ave	4662 217191	8657 409994	23754 577711	46923 813248	90942	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2-Dichlorobenzene	DCB	Ave	9263 462021	18665 888870	47223 1292541	94788 1767353	184962	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Hexachloroethane	DCB	Ave	2793 133276	4892 264065	12241 387991	24145 553092	50458	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,2-Dibromo-3-Chloropropane	DCB	Ave	701 34883	1329 70978	3144 104038	6396 147503	13234	1.00 50.2	2.01 100	5.02 150	10.0 201	20.1
1,3,5-Trichlorobenzene	DCB	Ave	7802 377406	15308 726210	39508 1070915	77353 1527508	155434	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
1,2,4-Trichlorobenzene	DCB	Ave	6757 322451	12857 628959	32892 925655	65550 1332469	131806	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Hexachlorobutadiene	DCB	Ave	3346 135633	5634 282063	15217 435985	29082 635140	56743	1.00 50.0	2.00 100	5.00 150	10.0 200	20.0
Naphthalene	DCB	Ave	10392 498819	19872 990144	49724 1444822	100021 2033042	199210	1.00 50.1	2.00 100	5.01 150	10.0 200	20.0
1,2,3-Trichlorobenzene	DCB	Ave	5322 254022	10218 504571	26281 750594	51558 1069785	101924	0.993 49.7	1.99 99.3	4.97 149	9.93 199	19.9
Fluorobenzene (Surr)	PFB	Ave	176567 177860	180561 186428	178582 187718	186428 176123	184994	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Trifluorotoluene (Surr)	DFB	Ave	16317 744255	30235 1475181	77304 2175916	159428 2612483	310029	1.000 50.0	2.00 100.0	5.00 150	10.00 200	20.0
Toluene-d8 (Surr)	DFB	Ave	153603 151898	154834 156097	151208 151491	160987 139610	156982	5.01 5.01	5.01 5.01	5.01 5.01	5.01 5.01	5.01
Ethylbenzene-d10	DFB	Ave	53230 50298	52407 49089	51406 45311	54747 40858	52407	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
4-Bromofluorobenzene (Surr)	DCB	Ave	44222 41501	44694 42502	43412 38261	45151 40313	43737	5.01 5.01	5.01 5.01	5.01 5.01	5.01 5.01	5.01

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Seattle Job No.: 580-27877-1 Analy Batch No.: 91758

SDG No.:

Instrument ID: TAC001 GC Column: ZB-624short ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/02/2011 08:22 Calibration End Date: 08/02/2011 11:38 Calibration ID: 8638

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICV 580-91758/14 Calibration Date: 08/02/2011 12:54

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016487.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2138	0.1560		36.5	50.0	-27.0*	25.0
Chloromethane	Ave	0.2204	0.1782	0.1000	40.4	50.0	-19.1	25.0
Vinyl chloride	Ave	0.1602	0.1395		43.5	50.0	-12.9	25.0
Bromomethane	Ave	0.0288	0.0213		37.0	50.0	-26.1*	25.0
Chloroethane	Lin1		0.0322		53.1	50.0	6.2	25.0
Trichlorofluoromethane	Ave	0.3065	0.2693		43.9	50.0	-12.1	25.0
Ethyl ether	Ave	0.1397	0.1522		271	249	9.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1727	0.1783		51.3	49.7	3.2	40.0
1,1-Dichloroethene	Ave	0.2190	0.2232		50.4	49.5	1.9	25.0
Acetone	Lin1		0.0234		88.0	100	-12.0	25.0
Iodomethane	Ave	0.4900	0.5496		110	98.5	12.2	40.0
Carbon disulfide	Ave	0.6630	0.5938		89.6	100	-10.4	25.0
Acetonitrile	Ave	0.0362	0.0369		509	500	1.9	40.0
Methyl acetate	Ave	0.0204	0.0207		256	252	1.6	40.0
Methylene Chloride	Ave	0.2024	0.2087		51.6	50.0	3.1	25.0
t-Butyl alcohol	Ave	0.0076	0.0066		217	250	-13.1	40.0
Methyl tert-butyl ether	Ave	0.5091	0.4670		45.9	50.0	-8.3	25.0
trans-1,2-Dichloroethene	Ave	0.2308	0.2360		51.2	50.1	2.3	25.0
Hexane	Ave	0.2618	0.3082		59.0	50.1	17.7	40.0
1,1-Dichloroethane	Ave	0.3656	0.3758	0.1000	50.9	49.5	2.8	25.0
Diisopropyl ether	Ave	0.6029	0.5724		47.5	50.0	-5.1	40.0
Vinyl acetate	Ave	0.0288	0.0211		73.3	100	-26.7	40.0
Ethyl t-butyl ether	Ave	0.2630	0.2566		48.8	50.0	-2.4	40.0
2,2-Dichloropropane	Ave	0.2938	0.2870		48.9	50.1	-2.3	25.0
cis-1,2-Dichloroethene	Ave	0.2383	0.2489		52.2	50.0	4.4	25.0
2-Butanone	Ave	0.0119	0.0117		98.2	100	-1.8	25.0
Ethyl acetate	Ave	0.0132	0.0115		43.6	50.0	-12.8	40.0
Chlorobromomethane	Ave	0.1763	0.1797		50.5	49.6	1.9	25.0
Methacrylonitrile	Ave	0.0597	0.0562		471	500	-5.9	40.0
Chloroform	Ave	0.4571	0.4763		52.1	50.0	4.2	25.0
1,1,1-Trichloroethane	Ave	0.3959	0.4160		52.6	50.0	5.1	25.0
Cyclohexane	Ave	0.3883	0.4856		62.3	49.9	25.0	40.0
1,1-Dichloropropene	Ave	0.3616	0.3820		52.6	49.8	5.6	25.0
Carbon tetrachloride	Ave	0.3571	0.3721		52.2	50.1	4.2	25.0
Isobutanol	Lin1		0.0038		988	998	-1.0	40.0
Benzene	Ave	1.022	1.079		52.6	49.8	5.6	25.0
1,2-Dichloroethane	Ave	0.2649	0.2866		53.6	49.6	8.2	25.0
Tert-amyl methyl ether	Ave	0.6466	0.6234		48.2	50.0	-3.6	40.0
n-Butyl alcohol	Lin1		0.0022		44.7	49.9	-10.3	40.0
Trichloroethene	Ave	0.2563	0.2739		53.5	50.0	6.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICV 580-91758/14 Calibration Date: 08/02/2011 12:54

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016487.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3483	0.4477		64.3	50.1	28.6	40.0
1,2-Dichloropropane	Ave	0.1933	0.1965		50.8	50.0	1.6	25.0
Dibromomethane	Ave	0.1301	0.1342		50.8	49.3	3.1	25.0
Dichlorobromomethane	Ave	0.2426	0.2491		50.7	49.4	2.7	25.0
2-Chloroethyl vinyl ether	Lin1		0.0575		87.8	99.6	-11.8	40.0
cis-1,3-Dichloropropene	Ave	0.2905	0.2829		51.1	52.5	-2.6	25.0
4-Methyl-2-pentanone	Ave	0.0415	0.0396		94.9	99.5	-4.6	25.0
Toluene	Ave	0.8226	0.8563		52.1	50.0	4.1	25.0
trans-1,3-Dichloropropene	Ave	0.2172	0.2304		50.4	47.5	6.1	25.0
1,1,2-Trichloroethane	Ave	0.1265	0.1310		51.1	49.4	3.6	25.0
Tetrachloroethene	Ave	0.2147	0.2208		51.5	50.1	2.8	25.0
1,3-Dichloropropane	Ave	0.2086	0.2164		51.8	50.0	3.7	25.0
2-Hexanone	Ave	0.0382	0.0353		90.8	98.1	-7.4	25.0
Chlorodibromomethane	Ave	0.1547	0.1558		49.9	49.6	0.7	25.0
Ethylene Dibromide	Ave	0.1255	0.1275		50.8	50.0	1.6	25.0
Chlorobenzene	Ave	1.983	2.058	0.3000	51.9	50.0	3.8	25.0
1,1,1,2-Tetrachloroethane	Ave	0.6676	0.7158		52.9	49.3	7.2	25.0
Ethylbenzene	Ave	3.089	3.246		52.1	49.6	5.1	25.0
m-Xylene & p-Xylene	Ave	2.329	2.426		104	100	4.1	25.0
o-Xylene	Ave	2.264	2.363		52.2	50.0	4.4	25.0
Styrene	Ave	1.826	1.967		53.7	49.9	7.7	25.0
Bromoform	Ave	0.3011	0.3033	0.1000	50.2	49.8	0.7	25.0
Isopropylbenzene	Ave	2.692	2.613		48.5	50.0	-2.9	25.0
cis-1,4-Dichloro-2-butene	Ave	0.1397	0.1305		46.0	49.3	-6.6	40.0
1,1,2,2-Tetrachloroethane	Ave	0.4034	0.4043	0.3000	50.1	50.0	0.2	25.0
Bromobenzene	Ave	0.7817	0.8219		52.3	49.8	5.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.0955	0.1046		54.8	50.0	9.5	40.0
1,2,3-Trichloropropane	Ave	0.1210	0.1235		50.3	49.3	2.0	25.0
N-Propylbenzene	Ave	3.133	3.176		50.7	50.0	1.4	25.0
2-Chlorotoluene	Ave	0.7033	0.7463		52.5	49.5	6.1	25.0
1,3,5-Trimethylbenzene	Ave	2.098	2.253		53.7	50.0	7.4	25.0
4-Chlorotoluene	Ave	0.7091	0.7243		50.3	49.3	2.1	25.0
tert-Butylbenzene	Ave	1.887	2.060		54.4	49.8	9.2	25.0
1,2,4-Trimethylbenzene	Ave	2.027	2.162		53.4	50.1	6.7	25.0
sec-Butylbenzene	Ave	2.578	2.689		52.2	50.0	4.3	25.0
4-Isopropyltoluene	Ave	2.193	2.214		50.2	49.7	1.0	25.0
1,3-Dichlorobenzene	Ave	1.302	1.324		50.7	49.9	1.7	25.0
1,4-Dichlorobenzene	Ave	1.349	1.370		50.7	50.0	1.5	25.0
2-Ethyl-1-Hexanol	Qua2		0.0188		576	625	-7.8	40.0
n-Butylbenzene	Ave	0.5370	0.5623		51.8	49.5	4.7	25.0
1,2-Dichlorobenzene	Ave	1.125	1.179		51.4	49.1	4.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICV 580-91758/14 Calibration Date: 08/02/2011 12:54

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016487.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachloroethane	Ave	0.3180	0.2907		45.6	50.0	-8.6	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0838	0.0811		48.4	50.0	-3.3	25.0
1,2,4-Trichlorobenzene	Ave	0.8056	0.8253		50.9	49.7	2.4	25.0
Hexachlorobutadiene	Ave	0.3635	0.3619		49.8	50.0	-0.4	25.0
Naphthalene	Ave	1.228	1.275		51.9	50.0	3.8	25.0
1,2,3-Trichlorobenzene	Ave	0.6397	0.6621		51.8	50.0	3.5	25.0
Tetrahydrofuran	Lin2					249	-100.0*	40.0
Fluorobenzene (Surr)	Ave	1.342	1.386		5.17	5.00	3.3	25.0
Toluene-d8 (Surr)	Ave	0.9638	0.9723		5.05	5.01	0.9	25.0
Ethylbenzene-d10	Ave	0.3154	0.3124		4.95	5.00	-1.0	25.0
4-Bromofluorobenzene (Surr)	Ave	1.046	1.065		5.10	5.01	1.8	25.0
Trifluorotoluene (Surr)	Ave	0.4756			0.000000	10.0		25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICV 580-91758/15 Calibration Date: 08/02/2011 13:18

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016488.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acrolein	Ave	0.0193	0.0101		131	250	-47.8*	40.0
Acrylonitrile	Lin1		0.0254		214	254	-15.7	40.0
Fluorobenzene (Surr)	Ave	1.342	1.348		5.03	5.00	0.5	25.0
Trifluorotoluene (Surr)	Ave	0.4756	0.5261		11.1	10.0	10.6	25.0
Toluene-d8 (Surr)	Ave	0.9638	0.9826		5.11	5.01	2.0	25.0
Ethylbenzene-d10	Ave	0.3154	0.3267		5.18	5.00	3.6	25.0
4-Bromofluorobenzene (Surr)	Ave	1.046	1.070		5.12	5.01	2.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICV 580-91758/16 Calibration Date: 08/02/2011 13:43

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016489.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2138	0.2344		54.8	50.0	9.6	25.0
Chloromethane	Ave	0.2204	0.2142	0.1000	48.6	50.0	-2.8	25.0
Vinyl chloride	Ave	0.1602	0.1577		49.2	50.0	-1.6	25.0
Bromomethane	Ave	0.0288	0.0243		42.3	50.0	-15.5	25.0
Chloroethane	Lin1		0.0344		56.7	50.0	13.4	25.0
Trichlorofluoromethane	Ave	0.3065	0.2834		46.2	50.0	-7.5	25.0
Ethyl ether	Ave	0.1397	0.1553		276	249	11.2	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1727	0.1842		53.0	49.7	6.7	40.0
1,1-Dichloroethene	Ave	0.2190	0.2171		49.1	49.5	-0.9	25.0
Acetone	Lin1		0.0216		80.0	100	-20.0	25.0
Iodomethane	Ave	0.4900	0.5784		116	98.5	18.0	40.0
Carbon disulfide	Ave	0.6630	0.6275		94.6	100	-5.4	25.0
Acetonitrile	Ave	0.0362	0.0375		518	500	3.7	40.0
Methyl acetate	Ave	0.0204	0.0199		246	252	-2.6	40.0
Methylene Chloride	Ave	0.2024	0.2022		50.0	50.0	-0.1	25.0
t-Butyl alcohol	Ave	0.0076	0.0064		209	250	-16.6	40.0
Methyl tert-butyl ether	Ave	0.5091	0.4715		46.3	50.0	-7.4	25.0
trans-1,2-Dichloroethene	Ave	0.2308	0.2291		49.7	50.1	-0.7	25.0
Hexane	Ave	0.2618	0.3387		64.8	50.1	29.4	40.0
1,1-Dichloroethane	Ave	0.3656	0.3677	0.1000	49.8	49.5	0.6	25.0
Diisopropyl ether	Ave	0.6029	0.5742		47.6	50.0	-4.8	40.0
Vinyl acetate	Ave	0.0288	0.0230		79.8	100	-20.2	40.0
Ethyl t-butyl ether	Ave	0.2630	0.2526		48.0	50.0	-4.0	40.0
2,2-Dichloropropane	Ave	0.2938	0.2987		50.9	50.1	1.7	25.0
cis-1,2-Dichloroethene	Ave	0.2383	0.2420		50.7	50.0	1.5	25.0
2-Butanone	Ave	0.0119	0.0113		94.7	100	-5.3	25.0
Ethyl acetate	Ave	0.0132	0.0126		47.7	50.0	-4.7	40.0
Chlorobromomethane	Ave	0.1763	0.1784		50.2	49.6	1.2	25.0
Methacrylonitrile	Ave	0.0597	0.0568		476	500	-4.9	40.0
Tetrahydrofuran	Lin2		0.0179		270	249	8.5	40.0
Chloroform	Ave	0.4571	0.4724		51.7	50.0	3.3	25.0
1,1,1-Trichloroethane	Ave	0.3959	0.4032		50.9	50.0	1.8	25.0
Cyclohexane	Ave	0.3883	0.5010		64.3	49.9	29.0	40.0
1,1-Dichloropropene	Ave	0.3616	0.3764		51.9	49.8	4.1	25.0
Carbon tetrachloride	Ave	0.3571	0.3638		51.0	50.1	1.9	25.0
Isobutanol	Lin1		0.0039		1000	998	0.3	40.0
Benzene	Ave	1.022	1.067		52.0	49.8	4.5	25.0
1,2-Dichloroethane	Ave	0.2649	0.2781		52.0	49.6	5.0	25.0
Tert-amyl methyl ether	Ave	0.6466	0.6155		47.6	50.0	-4.8	40.0
n-Butyl alcohol	Lin1		0.0021		42.0	49.9	-15.7	40.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICV 580-91758/16 Calibration Date: 08/02/2011 13:43

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016489.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Trichloroethene	Ave	0.2563	0.2740		53.5	50.0	6.9	25.0
Methylcyclohexane	Ave	0.3483	0.4603		66.2	50.1	32.2	40.0
1,2-Dichloropropane	Ave	0.1933	0.1963		50.8	50.0	1.5	25.0
Dibromomethane	Ave	0.1301	0.1332		50.5	49.3	2.3	25.0
Dichlorobromomethane	Ave	0.2426	0.2431		49.5	49.4	0.2	25.0
2-Chloroethyl vinyl ether	Lin1		0.0776		121	99.6	21.0	40.0
cis-1,3-Dichloropropene	Ave	0.2905	0.2818		50.9	52.5	-3.0	25.0
4-Methyl-2-pentanone	Ave	0.0415	0.0380		90.9	99.5	-8.6	25.0
Toluene	Ave	0.8226	0.8457		51.4	50.0	2.8	25.0
trans-1,3-Dichloropropene	Ave	0.2172	0.2257		49.3	47.5	3.9	25.0
1,1,2-Trichloroethane	Ave	0.1265	0.1286		50.2	49.4	1.7	25.0
Tetrachloroethene	Ave	0.2147	0.2216		51.7	50.1	3.2	25.0
1,3-Dichloropropane	Ave	0.2086	0.2129		51.0	50.0	2.0	25.0
2-Hexanone	Ave	0.0382	0.0358		92.0	98.1	-6.1	25.0
Chlorodibromomethane	Ave	0.1547	0.1510		48.4	49.6	-2.4	25.0
Ethylene Dibromide	Ave	0.1255	0.1241		49.4	50.0	-1.1	25.0
Chlorobenzene	Ave	1.983	2.083	0.3000	52.5	50.0	5.1	25.0
1,1,1,2-Tetrachloroethane	Ave	0.6676	0.7151		52.8	49.3	7.1	25.0
Ethylbenzene	Ave	3.089	3.289		52.8	49.6	6.4	25.0
m-Xylene & p-Xylene	Ave	2.329	2.446		105	100	5.0	25.0
o-Xylene	Ave	2.264	2.374		52.4	50.0	4.8	25.0
Styrene	Ave	1.826	1.997		54.5	49.9	9.3	25.0
Bromoform	Ave	0.3011	0.2960	0.1000	49.0	49.8	-1.7	25.0
Isopropylbenzene	Ave	2.692	2.623		48.7	50.0	-2.6	25.0
cis-1,4-Dichloro-2-butene	Ave	0.1397	0.1379		48.6	49.3	-1.3	40.0
1,1,2,2-Tetrachloroethane	Ave	0.4034	0.3907	0.3000	48.4	50.0	-3.2	25.0
Bromobenzene	Ave	0.7817	0.8298		52.8	49.8	6.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.0955	0.1081		56.6	50.0	13.2	40.0
1,2,3-Trichloropropane	Ave	0.1210	0.1154		47.0	49.3	-4.6	25.0
N-Propylbenzene	Ave	3.133	3.215		51.3	50.0	2.6	25.0
2-Chlorotoluene	Ave	0.7033	0.7528		53.0	49.5	7.0	25.0
1,3,5-Trimethylbenzene	Ave	2.098	2.263		54.0	50.0	7.9	25.0
4-Chlorotoluene	Ave	0.7091	0.7605		52.8	49.3	7.2	25.0
tert-Butylbenzene	Ave	1.887	2.060		54.4	49.8	9.2	25.0
1,2,4-Trimethylbenzene	Ave	2.027	2.165		53.4	50.1	6.8	25.0
sec-Butylbenzene	Ave	2.578	2.708		52.6	50.0	5.0	25.0
4-Isopropyltoluene	Ave	2.193	2.247		50.9	49.7	2.4	25.0
1,3-Dichlorobenzene	Ave	1.302	1.315		50.4	49.9	1.0	25.0
1,4-Dichlorobenzene	Ave	1.349	1.359		50.3	50.0	0.7	25.0
2-Ethyl-1-Hexanol	Qua2		0.0196		597	625	-4.4	40.0
n-Butylbenzene	Ave	0.5370	0.5773		53.2	49.5	7.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICV 580-91758/16 Calibration Date: 08/02/2011 13:43

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016489.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichlorobenzene	Ave	1.125	1.167		50.9	49.1	3.7	25.0
Hexachloroethane	Ave	0.3180	0.3037		47.7	50.0	-4.5	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0838	0.0786		46.9	50.0	-6.2	25.0
1,2,4-Trichlorobenzene	Ave	0.8056	0.8120		50.1	49.7	0.8	25.0
Hexachlorobutadiene	Ave	0.3635	0.3444		47.3	50.0	-5.3	25.0
Naphthalene	Ave	1.228	1.240		50.5	50.0	0.9	25.0
1,2,3-Trichlorobenzene	Ave	0.6397	0.6424		50.2	50.0	0.4	25.0
Fluorobenzene (Surr)	Ave	1.342	1.377		5.13	5.00	2.6	25.0
Trifluorotoluene (Surr)	Ave	0.4756	0.5280		11.1	10.0	11.0	25.0
Toluene-d8 (Surr)	Ave	0.9638	0.9709		5.04	5.01	0.7	25.0
Ethylbenzene-d10	Ave	0.3154	0.3300		5.23	5.00	4.6	25.0
4-Bromofluorobenzene (Surr)	Ave	1.046	1.062		5.09	5.01	1.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: CCVIS 580-92970/2 Calibration Date: 08/16/2011 14:38

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016679.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2138	0.1915		44.7	50.0	-10.5	50.0
Chloromethane	Ave	0.2204	0.2096	0.1000	47.6	50.0	-4.9	50.0
Vinyl chloride	Ave	0.1602	0.1523		47.5	50.0	-5.0	20.0
Bromomethane	Ave	0.0288	0.0272		47.2	50.0	-5.6	50.0
Chloroethane	Lin1		0.0315		51.9	50.0	3.9	50.0
Trichlorofluoromethane	Ave	0.3065	0.2964		48.3	50.0	-3.3	50.0
Ethyl ether	Ave	0.1397	0.1530		274	250	9.6	40.0
Acrolein	Ave	0.0193	0.0200		261	252	3.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1727	0.1767		51.0	49.9	2.3	50.0
1,1-Dichloroethene	Ave	0.2190	0.2066		47.1	50.0	-5.7	20.0
Acetone	Lin1		0.0310		323	250	29.2	50.0
Iodomethane	Ave	0.4900	0.4826		248	251	-1.5	50.0
Carbon disulfide	Ave	0.6630	0.6280		47.4	50.1	-5.3	50.0
Acetonitrile	Ave	0.0362	0.0358		495	500	-1.0	50.0
Methyl acetate	Ave	0.0204	0.0231		284	251	13.0	50.0
Methylene Chloride	Ave	0.2024	0.2004		49.4	49.9	-1.0	40.0
t-Butyl alcohol	Ave	0.0076	0.0077		252	250	0.6	50.0
Methyl tert-butyl ether	Ave	0.5091	0.5550		54.5	50.0	9.0	30.0
trans-1,2-Dichloroethene	Ave	0.2308	0.2298		49.8	50.0	-0.4	30.0
Acrylonitrile	Lin1		0.0383		320	250	27.7	50.0
Hexane	Ave	0.2618	0.2700		51.7	50.1	3.2	40.0
1,1-Dichloroethane	Ave	0.3656	0.3676	0.1000	50.2	50.0	0.5	30.0
Diisopropyl ether	Ave	0.6029	0.6305		52.3	50.0	4.6	30.0
Vinyl acetate	Ave	0.0288	0.0358		313	252	24.5	50.0
Ethyl t-butyl ether	Ave	0.2630	0.2713		51.6	50.0	3.2	30.0
2,2-Dichloropropane	Ave	0.2938	0.3043		51.8	50.0	3.6	40.0
cis-1,2-Dichloroethene	Ave	0.2383	0.2445		51.4	50.1	2.6	30.0
2-Butanone	Ave	0.0119	0.0152		319	250	27.7	50.0
Ethyl acetate	Ave	0.0132	0.0168		317	249	27.3	50.0
Methacrylonitrile	Ave	0.0597	0.0775		329	253	29.8	50.0
Chlorobromomethane	Ave	0.1763	0.1860		52.8	50.1	5.5	40.0
Tetrahydrofuran	Lin2		0.0220		336	250	34.3	50.0
Chloroform	Ave	0.4571	0.4808		52.6	50.1	5.2	20.0
1,1,1-Trichloroethane	Ave	0.3959	0.3851		48.6	50.0	-2.7	30.0
Cyclohexane	Ave	0.3883	0.3747		48.2	50.0	-3.5	30.0
1,1-Dichloropropene	Ave	0.3616	0.3799		52.0	49.5	5.1	30.0
Carbon tetrachloride	Ave	0.3571	0.2987		41.9	50.1	-16.3	30.0
Isobutanol	Lin1		0.0036		469	499	-6.1	50.0
Benzene	Ave	1.022	1.069		52.3	50.0	4.7	30.0
1,2-Dichloroethane	Ave	0.2649	0.2885		54.4	50.0	8.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: CCVIS 580-92970/2 Calibration Date: 08/16/2011 14:38

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016679.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.6466	0.6912		53.4	50.0	6.9	40.0
n-Butyl alcohol	Lin1		0.0017		399	501	-20.2	50.0
Trichloroethene	Ave	0.2563	0.2438		47.6	50.0	-4.9	30.0
Methylcyclohexane	Ave	0.3483	0.3301		47.4	50.0	-5.2	30.0
1,2-Dichloropropane	Ave	0.1933	0.2041		53.9	51.1	5.6	20.0
Dibromomethane	Ave	0.1301	0.1383		53.4	50.3	6.2	30.0
Dichlorobromomethane	Ave	0.2426	0.2412		49.7	50.1	-0.6	30.0
2-Chloroethyl vinyl ether	Lin1		0.1141		463	252	83.9*	50.0
cis-1,3-Dichloropropene	Ave	0.2905	0.2952		50.4	49.6	1.6	30.0
4-Methyl-2-pentanone	Ave	0.0415	0.0575		346	250	38.5	50.0
Toluene	Ave	0.8226	0.8398		51.0	50.0	2.1	20.0
trans-1,3-Dichloropropene	Ave	0.2172	0.2304		54.1	51.0	6.1	30.0
1,1,2-Trichloroethane	Ave	0.1265	0.1453		57.5	50.1	14.8	30.0
Tetrachloroethene	Ave	0.2147	0.2042		47.6	50.1	-4.9	40.0
1,3-Dichloropropane	Ave	0.2086	0.2450		58.7	50.0	17.5	30.0
2-Hexanone	Ave	0.0382	0.0530		347	250	38.9	50.0
Chlorodibromomethane	Ave	0.1547	0.1453		46.6	49.6	-6.1	40.0
Ethylene Dibromide	Ave	0.1255	0.1383		55.3	50.2	10.3	30.0
Chlorobenzene	Ave	1.983	1.884	0.3000	47.4	49.9	-5.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6676	0.5913		44.4	50.2	-11.4	30.0
Ethylbenzene	Ave	3.089	3.064		49.6	50.0	-0.8	20.0
m-Xylene & p-Xylene	Ave	2.329	2.313		99.4	100	-0.7	30.0
o-Xylene	Ave	2.264	2.222		49.1	50.1	-1.9	30.0
Styrene	Ave	1.826	1.793		49.3	50.2	-1.8	30.0
Bromoform	Ave	0.3011	0.2791	0.1000	47.0	50.8	-7.3	40.0
Isopropylbenzene	Ave	2.692	2.612		48.5	50.0	-3.0	30.0
cis-1,4-Dichloro-2-butene	Ave	0.1397	0.1479		265	250	5.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.4034	0.4946	0.3000	61.4	50.1	22.6	30.0
Bromobenzene	Ave	0.7817	0.7633		49.2	50.4	-2.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.0955	0.1143		299	250	19.7	50.0
1,2,3-Trichloropropane	Ave	0.1210	0.1446		60.4	50.5	19.5	30.0
N-Propylbenzene	Ave	3.133	3.126		49.9	50.0	-0.2	30.0
2-Chlorotoluene	Ave	0.7033	0.6592		47.1	50.2	-6.3	30.0
4-Chlorotoluene	Ave	0.7091	0.7072		50.0	50.1	-0.3	30.0
tert-Butylbenzene	Ave	1.887	1.815		48.1	50.0	-3.8	30.0
1,2,4-Trimethylbenzene	Ave	2.027	2.000		49.6	50.3	-1.4	30.0
sec-Butylbenzene	Ave	2.578	2.411		46.8	50.1	-6.5	30.0
4-Isopropyltoluene	Ave	2.193	2.030		46.2	50.0	-7.4	30.0
1,3-Dichlorobenzene	Ave	1.302	1.293		49.7	50.0	-0.7	30.0
1,4-Dichlorobenzene	Ave	1.349	1.315		48.7	50.0	-2.5	30.0
2-Ethyl-1-Hexanol	Qua2		0.0196		1090	1250	-12.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: CCVIS 580-92970/2 Calibration Date: 08/16/2011 14:38

Instrument ID: TAC001 Calib Start Date: 08/02/2011 08:22

GC Column: ZB-624short ID: 0.18(mm) Calib End Date: 08/02/2011 11:38

Lab File ID: G3016679.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butylbenzene	Ave	0.5370	0.4854		45.2	50.0	-9.6	30.0
1,2-Dichlorobenzene	Ave	1.125	1.158		51.5	50.0	2.9	30.0
Hexachloroethane	Ave	0.3180	0.2259		35.6	50.2	-29.0	40.0
1,2-Dibromo-3-Chloropropane	Ave	0.0838	0.1014		60.6	50.2	20.9	50.0
1,3,5-Trichlorobenzene	Ave	0.9359	0.8558		45.7	50.0	-8.6	30.0
1,2,4-Trichlorobenzene	Ave	0.8056	0.7691		47.4	49.7	-4.5	40.0
Hexachlorobutadiene	Ave	0.3635	0.3004		41.3	50.0	-17.4	40.0
Naphthalene	Ave	1.228	1.539		62.7	50.1	25.3	40.0
1,2,3-Trichlorobenzene	Ave	0.6397	0.6623		51.4	49.7	3.5	40.0
1,3,5-Trimethylbenzene	Ave	2.098				50.1		
Fluorobenzene (Surr)	Ave	1.342	1.384		5.16	5.00	3.2	
Trifluorotoluene (Surr)	Ave	0.4756	0.4434		46.6	50.0	-6.8	
Toluene-d8 (Surr)	Ave	0.9638	0.9581		4.98	5.01	-0.6	
Ethylbenzene-d10	Ave	0.3154	0.3156		5.00	5.00	0.0	
4-Bromofluorobenzene (Surr)	Ave	1.046	0.9762		4.68	5.01	-6.7	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-92970/4

Matrix: Water | Lab File ID: G3016681.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND		1.0	0.15
74-87-3	Chloromethane	ND		5.0	0.75
75-01-4	Vinyl chloride	ND		1.0	0.15
74-83-9	Bromomethane	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	0.75
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-35-4	1,1-Dichloroethene	ND		1.0	0.15
75-09-2	Methylene Chloride	0.195	J	3.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.15
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
594-20-7	2,2-Dichloropropane	ND		1.0	0.15
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.15
74-97-5	Chlorobromomethane	ND		1.0	0.24
67-66-3	Chloroform	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.15
56-23-5	Carbon tetrachloride	ND		1.0	0.15
563-58-6	1,1-Dichloropropene	ND		1.0	0.15
71-43-2	Benzene	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.15
79-01-6	Trichloroethene	ND		1.0	0.15
78-87-5	1,2-Dichloropropane	ND		1.0	0.15
74-95-3	Dibromomethane	ND		1.0	0.15
75-27-4	Dichlorobromomethane	ND		1.0	0.15
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.15
108-88-3	Toluene	ND		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.15
127-18-4	Tetrachloroethene	ND		1.0	0.15
142-28-9	1,3-Dichloropropane	ND		1.0	0.15
124-48-1	Chlorodibromomethane	ND		1.0	0.32
106-93-4	Ethylene Dibromide	ND		1.0	0.31
108-90-7	Chlorobenzene	ND		1.0	0.15
100-41-4	Ethylbenzene	ND		1.0	0.15
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 580-92970/4

Matrix: Water | Lab File ID: G3016681.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 15:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
179601-23-1	m-Xylene & p-Xylene	ND		2.0	0.30
95-47-6	o-Xylene	ND		1.0	0.15
100-42-5	Styrene	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.15
98-82-8	Isopropylbenzene	ND		1.0	0.15
108-86-1	Bromobenzene	ND		1.0	0.15
103-65-1	N-Propylbenzene	ND		1.0	0.15
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.15
95-49-8	2-Chlorotoluene	ND		1.0	0.15
108-67-8	1,3,5-Trimethylbenzene	ND		1.0	0.15
106-43-4	4-Chlorotoluene	ND		1.0	0.15
98-06-6	tert-Butylbenzene	ND		1.0	0.15
95-63-6	1,2,4-Trimethylbenzene	ND		1.0	0.15
135-98-8	sec-Butylbenzene	ND		1.0	0.15
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.15
99-87-6	4-Isopropyltoluene	ND		1.0	0.15
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.15
104-51-8	n-Butylbenzene	ND		1.0	0.15
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.15
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.52
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	0.15
87-68-3	Hexachlorobutadiene	ND		1.0	0.15
91-20-3	Naphthalene	ND		1.0	0.15
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	101		85-120
25837-05-2	Ethylbenzene-d10	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120
98-08-8	Trifluorotoluene (Surr)	106		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 580-92970/5

Matrix: Water | Lab File ID: G3016682.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 15:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	22.6		1.0	0.15
71-43-2	Benzene	22.9		1.0	0.15
79-01-6	Trichloroethene	20.8		1.0	0.15
108-88-3	Toluene	21.6		1.0	0.15
108-90-7	Chlorobenzene	20.9		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
25837-05-2	Ethylbenzene-d10	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		75-120
98-08-8	Trifluorotoluene (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Seattle | Job No.: 580-27877-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 580-92970/6

Matrix: Water | Lab File ID: G3016683.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(mL) | Date Analyzed: 08/16/2011 16:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624short ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 92970 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	22.7		1.0	0.15
71-43-2	Benzene	22.3		1.0	0.15
79-01-6	Trichloroethene	20.6		1.0	0.15
108-88-3	Toluene	21.8		1.0	0.15
108-90-7	Chlorobenzene	21.2		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
462-06-6	Fluorobenzene (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	100		85-120
25837-05-2	Ethylbenzene-d10	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		75-120
98-08-8	Trifluorotoluene (Surr)	101		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Instrument ID: TAC001 Start Date: 08/02/2011 07:31

Analysis Batch Number: 91758 End Date: 08/02/2011 19:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-91758/1		08/02/2011 07:31	1	G3016474.D	ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 07:57	1		ZB-624short 0.18(mm)
STD1 580-91758/3 IC		08/02/2011 08:22	1	G3016476.D	ZB-624short 0.18(mm)
STD2 580-91758/4 IC		08/02/2011 08:46	1	G3016477.D	ZB-624short 0.18(mm)
STD5 580-91758/5 IC		08/02/2011 09:11	1	G3016478.D	ZB-624short 0.18(mm)
STD10 580-91758/6 IC		08/02/2011 09:35	1	G3016479.D	ZB-624short 0.18(mm)
STD20 580-91758/7 IC		08/02/2011 10:00	1	G3016480.D	ZB-624short 0.18(mm)
STD50IS 580-91758/8 ICIS		08/02/2011 10:25	1	G3016481.D	ZB-624short 0.18(mm)
STD100 580-91758/9 IC		08/02/2011 10:49	1	G3016482.D	ZB-624short 0.18(mm)
STD150 580-91758/10 IC		08/02/2011 11:14	1	G3016483.D	ZB-624short 0.18(mm)
STD200 580-91758/11 IC		08/02/2011 11:38	1	G3016484.D	ZB-624short 0.18(mm)
RB 580-91758/12 PIBLK		08/02/2011 12:03	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 12:29	1		ZB-624short 0.18(mm)
ICV 580-91758/14		08/02/2011 12:54	1	G3016487.D	ZB-624short 0.18(mm)
ICV 580-91758/15		08/02/2011 13:18	1	G3016488.D	ZB-624short 0.18(mm)
ICV 580-91758/16		08/02/2011 13:43	1	G3016489.D	ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 14:08	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 14:33	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 14:58	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 15:22	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 15:47	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 16:11	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 16:36	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 17:00	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 17:25	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 17:49	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 18:14	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 18:38	1		ZB-624short 0.18(mm)
ZZZZZ		08/02/2011 19:03	1		ZB-624short 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Instrument ID: TAC001 Start Date: 08/16/2011 14:11

Analysis Batch Number: 92970 End Date: 08/17/2011 00:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 580-92970/1		08/16/2011 14:11	1	G3016678.D	ZB-624short 0.18(mm)
CCVIS 580-92970/2		08/16/2011 14:38	1	G3016679.D	ZB-624short 0.18(mm)
RINSE 580-92970/3		08/16/2011 15:04	1		ZB-624short 0.18(mm)
MB 580-92970/4		08/16/2011 15:31	1	G3016681.D	ZB-624short 0.18(mm)
LCS 580-92970/5		08/16/2011 15:58	1	G3016682.D	ZB-624short 0.18(mm)
LCSD 580-92970/6		08/16/2011 16:24	1	G3016683.D	ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 16:50	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 17:17	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 17:44	1		ZB-624short 0.18(mm)
580-27877-2	TB-02-08082011	08/16/2011 18:10	1	G3016687.D	ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 18:37	1		ZB-624short 0.18(mm)
580-27877-1	MW-06-08082011	08/16/2011 19:03	1	G3016689.D	ZB-624short 0.18(mm)
580-27877-3	EW-A-08082011	08/16/2011 19:29	1	G3016690.D	ZB-624short 0.18(mm)
580-27877-4	EW-B-08082011	08/16/2011 19:56	1	G3016691.D	ZB-624short 0.18(mm)
580-27877-5	MW-07-08082011	08/16/2011 20:22	1	G3016692.D	ZB-624short 0.18(mm)
580-27877-6	MW-05-08082011	08/16/2011 20:49	1	G3016693.D	ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 21:15	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 21:42	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 22:08	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 22:35	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 23:01	1		ZB-624short 0.18(mm)
ZZZZZ		08/16/2011 23:28	1		ZB-624short 0.18(mm)
RINSE 580-92970/23		08/16/2011 23:54	1		ZB-624short 0.18(mm)
RINSE 580-92970/24		08/17/2011 00:20	1		ZB-624short 0.18(mm)
RINSE 580-92970/25		08/17/2011 00:47	1		ZB-624short 0.18(mm)

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Seattle Job Number: 580-27877-1

SDG No.:

Project: GE Yakima-Yakima,WA

Client Sample ID	Lab Sample ID
MW-06-08082011	580-27877-1
EW-A-08082011	580-27877-3
EW-B-08082011	580-27877-4
MW-07-08082011	580-27877-5
MW-05-08082011	580-27877-6

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-06-08082011 Lab Sample ID: 580-27877-1

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 08:06

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-06-08082011 Lab Sample ID: 580-27877-1

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 08:06

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.062	0.0060	0.00027	mg/L		B	5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0019	0.0020	0.0014	mg/L	J		5	6020
7440-50-8	Copper	0.0022	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	0.0017	0.0040	0.0014	mg/L	J	^	5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.0010	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EW-A-08082011 Lab Sample ID: 580-27877-3

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 10:48

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: EW-A-08082011 Lab Sample ID: 580-27877-3

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 10:48

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.060	0.0060	0.00027	mg/L		B	5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0018	0.0020	0.0014	mg/L	J		5	6020
7440-50-8	Copper	0.0020	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	ND	0.0040	0.0014	mg/L		^	5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00073	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	0.0036	0.0070	0.0034	mg/L	J		5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EW-B-08082011 Lab Sample ID: 580-27877-4

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 12:23

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: EW-B-08082011 Lab Sample ID: 580-27877-4

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 12:23

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.055	0.0060	0.00027	mg/L		B	5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0016	0.0020	0.0014	mg/L	J		5	6020
7440-50-8	Copper	0.0016	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	ND	0.0040	0.0014	mg/L		^	5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	0.00025	0.0020	0.00015	mg/L	J		5	6020
7440-31-5	Tin	0.00061	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-07-08082011 Lab Sample ID: 580-27877-5

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 14:39

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-07-08082011 Lab Sample ID: 580-27877-5

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 14:39

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.058	0.0060	0.00027	mg/L		B	5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	0.0015	0.0020	0.0014	mg/L	J		5	6020
7440-50-8	Copper	0.0027	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	ND	0.0040	0.0014	mg/L		^	5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00057	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-05-08082011 Lab Sample ID: 580-27877-6

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 16:07

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-97-6	Mercury	ND	0.00020	0.000041	mg/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: MW-05-08082011 Lab Sample ID: 580-27877-6

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 16:07

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-36-0	Antimony	ND	0.0020	0.00040	mg/L			5	6020
7440-38-2	Arsenic	ND	0.0050	0.0038	mg/L			5	6020
7440-39-3	Barium	0.053	0.0060	0.00027	mg/L		B	5	6020
7440-41-7	Beryllium	ND	0.0020	0.00051	mg/L			5	6020
7440-43-9	Cadmium	ND	0.0020	0.00014	mg/L			5	6020
7440-47-3	Chromium	ND	0.0020	0.0014	mg/L			5	6020
7440-50-8	Copper	0.0019	0.0050	0.00055	mg/L	J		5	6020
7439-92-1	Lead	ND	0.0020	0.00017	mg/L			5	6020
7439-98-7	Molybdenum	ND	0.0040	0.0014	mg/L		^	5	6020
7440-02-0	Nickel	ND	0.015	0.0021	mg/L			5	6020
7782-49-2	Selenium	ND	0.0050	0.0036	mg/L			5	6020
7440-22-4	Silver	ND	0.0020	0.00015	mg/L			5	6020
7440-31-5	Tin	0.00045	0.0070	0.000089	mg/L	J	B	5	6020
7440-66-6	Zinc	ND	0.0070	0.0034	mg/L			5	6020

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00009 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00007

Analyte	ICV 580-92503/7 08/10/2011 08:52				CCV 580-92503/35 08/10/2011 11:59				CCV 580-92503/47 08/10/2011 12:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0397		0.0400	99	0.0492		0.0500	98	0.0492		0.0500	98
Arsenic	0.0405		0.0400	101	0.0480		0.0500	96	0.0476		0.0500	95
Barium	0.0398		0.0400	100	0.0489		0.0500	98	0.0496		0.0500	99
Beryllium	0.0404		0.0400	101	0.0477		0.0500	95	0.0479		0.0500	96
Cadmium	0.0399		0.0400	100	0.0487		0.0500	97	0.0484		0.0500	97
Chromium	0.0400		0.0400	100	0.0468		0.0500	94	0.0459		0.0500	92
Copper	0.0401		0.0400	100	0.0472		0.0500	94	0.0468		0.0500	94
Lead	0.0406		0.0400	101	0.0482		0.0500	96	0.0481		0.0500	96
Molybdenum	0.0406		0.0400	102	0.0483		0.0500	97	0.0483		0.0500	97
Nickel	0.0412		0.0400	103	0.0470		0.0500	94	0.0461		0.0500	92
Selenium	0.0409		0.0400	102	0.0496		0.0500	99	0.0488		0.0500	98
Silver	0.0413		0.0400	103	0.0491		0.0500	98	0.0492		0.0500	98
Tin	0.0401		0.0400	100	0.0494		0.0500	99	0.0493		0.0500	99
Zinc	0.0406		0.0400	102	0.0470		0.0500	94	0.0466		0.0500	93

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

ICV Source: ICPMS_ICV_WOR_00009 Concentration Units: mg/L

CCV Source: ICPMS_CAL_WOR_00007

Analyte	CCV 580-92503/55 08/10/2011 13:34											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	0.0483		0.0500	97								
Arsenic	0.0474		0.0500	95								
Barium	0.0488		0.0500	98								
Beryllium	0.0470		0.0500	94								
Cadmium	0.0472		0.0500	94								
Chromium	0.0459		0.0500	92								
Copper	0.0459		0.0500	92								
Lead	0.0475		0.0500	95								
Molybdenum	0.0472		0.0500	94								
Nickel	0.0461		0.0500	92								
Selenium	0.0490		0.0500	98								
Silver	0.0481		0.0500	96								
Tin	0.0479		0.0500	96								
Zinc	0.0463		0.0500	93								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

ICV Source: Hg_ICV_WORK_00009 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00008

Analyte	ICV 580-92416/7 08/09/2011 13:43				CCV 580-92416/23 08/09/2011 16:30				CCV 580-92416/35 08/09/2011 16:50			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00399		0.00400	100	0.00508		0.00500	102	0.00512		0.00500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

ICV Source: Hg_ICV_WORK_00009 Concentration Units: mg/L

CCV Source: Hg_CAL_WORK_00008

Analyte	CCV 580-92416/47 08/09/2011 17:10											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	0.00509		0.00500	102								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Method: 6020 Instrument ID: SEA044

Lab Sample ID: CRI 580-92503/9 Concentration Units: mg/L

CRQL Check Standard Source: ICPMS_CAL_WOR_00007

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	0.00200	0.00203		102	50-150
Arsenic	0.00200	0.00204		102	50-150
Barium	0.00200	0.00201		100	50-150
Beryllium	0.00200	0.00194		97	50-150
Cadmium	0.00200	0.00198		99	50-150
Chromium	0.00200	0.00201		100	50-150
Copper	0.00200	0.00197		98	50-150
Lead	0.00200	0.00204		102	50-150
Molybdenum	0.00200	0.00202		101	50-150
Nickel	0.00200	0.00213	J	106	50-150
Selenium	0.00200	0.00202		101	50-150
Silver	0.00200	0.00212		106	50-150
Tin	0.00200	0.00214		107	50-150
Zinc	0.00200	0.00227		113	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-92503/8 08/10/2011 08:57		CCB 580-92503/36 08/10/2011 12:03		CCB 580-92503/48 08/10/2011 13:01		CCB 580-92503/56 08/10/2011 13:39	
		Found	C	Found	C	Found	C	Found	C
Antimony	0.00040	ND		ND		ND		ND	
Arsenic	0.0010	ND		ND		ND		ND	
Barium	0.0012	ND		ND		ND		ND	
Beryllium	0.00040	ND		ND		ND		ND	
Cadmium	0.00040	ND		ND		ND		ND	
Chromium	0.00040	ND		ND		ND		ND	
Copper	0.0010	ND		ND		ND		ND	
Lead	0.00040	ND		ND		ND		ND	
Molybdenum	0.00080	ND		ND		ND		ND	
Nickel	0.0030	ND		ND		ND		ND	
Selenium	0.0014	ND		ND		ND		ND	
Silver	0.00040	ND		ND		ND		ND	
Tin	0.0014	0.000167	J	0.000107	J	0.000343	J	0.000129	J
Zinc	0.0014	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICB 580-92416/8 08/09/2011 13:45		CCB 580-92416/24 08/09/2011 16:31		CCB 580-92416/36 08/09/2011 16:52		CCB 580-92416/48 08/09/2011 17:11	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.00020	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-92342/16-A

Instrument Code: SEA044 Batch No.: 92503

CAS No.	Analyte	Concentration	C	Q	Method
7440-36-0	Antimony	ND			6020
7440-38-2	Arsenic	ND			6020
7440-39-3	Barium	0.000415	J		6020
7440-41-7	Beryllium	ND			6020
7440-43-9	Cadmium	ND			6020
7440-47-3	Chromium	ND			6020
7440-50-8	Copper	ND			6020
7439-92-1	Lead	ND			6020
7439-98-7	Molybdenum	ND			6020
7440-02-0	Nickel	ND			6020
7782-49-2	Selenium	ND			6020
7440-22-4	Silver	ND			6020
7440-31-5	Tin	0.000299	J		6020
7440-66-6	Zinc	ND			6020

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 580-92388/23-A

Instrument Code: TAC103 Batch No.: 92416

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	ND			7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICSA 580-92503/10 Instrument ID: SEA044

Lab File ID: 013SMPL.D ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		**0.0001**	
Arsenic		**0.0000**	
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium		**0.0001**	
Chromium		**0.0012**	
Copper		**0.0000**	
Lead		**0.0000**	
Molybdenum	**0.400**	**0.424**	**106**
Nickel		**0.0003**	
Selenium		**0.0001**	
Silver		**0.0000**	
Tin		**0.0001**	
Zinc		**0.0004**	
Aluminum	*20.0*	*18.9*	*95*
Calcium	*60.0*	*57.8*	*96*
Cobalt		*0.0000*	
Iron	*50.0*	*47.4*	*95*
Magnesium	*20.0*	*19.8*	*99*
Manganese		*0.0006*	
Mercury		*0.0000*	
Phosphorus	*20.0*	*20.8*	*104*
Potassium	*20.0*	*19.5*	*98*
Sodium	*50.0*	*50.4*	*101*
Strontium		*-0.0008*	
Thallium		*0.0001*	
Titanium	*0.400*	*0.399*	*100*
Uranium		*0.0000*	
Vanadium		*-0.0002*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICSAB 580-92503/11 Instrument ID: SEA044

Lab File ID: 014SMPL.D ICS Source: ICPMS- ICSA_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0205**	**103**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0212**	**106**
Chromium	**0.0400**	**0.0403**	**101**
Copper	**0.0400**	**0.0406**	**101**
Lead		**0.0000**	
Molybdenum	**0.400**	**0.437**	**109**
Nickel	**0.0400**	**0.0396**	**99**
Selenium	**0.0200**	**0.0204**	**102**
Silver	**0.0100**	**0.0104**	**104**
Tin		**0.0000**	
Zinc	**0.0200**	**0.0198**	**99**
Aluminum	*20.0*	*19.1*	*96*
Calcium	*60.0*	*58.0*	*97*
Cobalt	*0.0400*	*0.0420*	*105*
Iron	*50.0*	*47.1*	*94*
Magnesium	*20.0*	*20.2*	*101*
Manganese	*0.0400*	*0.0399*	*100*
Mercury		*0.0000*	
Phosphorus	*20.0*	*21.0*	*105*
Potassium	*20.0*	*20.0*	*100*
Sodium	*50.0*	*51.1*	*102*
Strontium		*-0.0008*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.399*	*100*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0403*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Lab Sample ID: ICSAB 580-92503/11 Instrument ID: SEA044

Lab File ID: 014SMPL.D ICS Source: ICPMS-ICSB_00002

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Antimony		**0.0001**	
Arsenic	**0.0200**	**0.0205**	**103**
Barium		**0.0001**	
Beryllium		**0.0000**	
Cadmium	**0.0200**	**0.0212**	**106**
Chromium	**0.0400**	**0.0403**	**101**
Copper	**0.0400**	**0.0406**	**101**
Lead		**0.0000**	
Molybdenum	**0.400**	**0.437**	**109**
Nickel	**0.0400**	**0.0396**	**99**
Selenium	**0.0200**	**0.0204**	**102**
Silver	**0.0100**	**0.0104**	**104**
Tin		**0.0000**	
Zinc	**0.0200**	**0.0198**	**99**
Aluminum	*20.0*	*19.1*	*96*
Calcium	*60.0*	*58.0*	*97*
Cobalt	*0.0400*	*0.0420*	*105*
Iron	*50.0*	*47.1*	*94*
Magnesium	*20.0*	*20.2*	*101*
Manganese	*0.0400*	*0.0399*	*100*
Mercury		*0.0000*	
Phosphorus	*20.0*	*21.0*	*105*
Potassium	*20.0*	*20.0*	*100*
Sodium	*50.0*	*51.1*	*102*
Strontium		*-0.0008*	
Thallium		*0.0000*	
Titanium	*0.400*	*0.399*	*100*
Uranium		*0.0000*	
Vanadium	*0.0400*	*0.0403*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 580-92342/17-A

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

Sample Matrix: Water LCS Source: m-GPS-2_00018

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Antimony	3.00	2.83		94	80	120		6020
Arsenic	4.00	3.84		96	80	120		6020
Barium	4.00	3.94		99	80	120		6020
Beryllium	0.100	0.0940		94	80	120		6020
Cadmium	0.100	0.0964		96	80	120		6020
Chromium	0.400	0.375		94	80	120		6020
Copper	0.500	0.474		95	80	120		6020
Lead	1.00	0.970		97	80	120		6020
Molybdenum	5.00	4.77		95	80	120		6020
Nickel	1.00	0.950		95	80	120		6020
Selenium	4.00	3.91		98	80	120		6020
Silver	0.600	0.600		100	80	120		6020
Tin	5.00	4.94		99	80	120		6020
Zinc	1.00	0.971		97	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS - TOTAL RECOVERABLE

Lab ID: LCSD 580-92342/18-A

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

Sample Matrix: Water LCS Source: m-GPS-2_00018

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Antimony	2.86		3.00	95	80-120	1	20		6020
Arsenic	3.89		4.00	97	80-120	1	20		6020
Barium	3.98		4.00	99	80-120	1	20		6020
Beryllium	0.0959		0.100	96	80-120	2	20		6020
Cadmium	0.0966		0.100	97	80-120	0	20		6020
Chromium	0.380		0.400	95	80-120	1	20		6020
Copper	0.479		0.500	96	80-120	1	20		6020
Lead	0.976		1.00	98	80-120	1	20		6020
Molybdenum	4.81		5.00	96	80-120	1	20		6020
Nickel	0.960		1.00	96	80-120	1	20		6020
Selenium	3.97		4.00	99	80-120	2	20		6020
Silver	0.601		0.600	100	80-120	0	20		6020
Tin	5.03		5.00	101	80-120	2	20		6020
Zinc	0.990		1.00	99	80-120	2	20		6020

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS - TOTAL RECOVERABLE

Lab ID: LCSSRM 580-92342/19-A

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

Sample Matrix: Water LCS Source: m-GPS-2_00018

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Antimony	3.00	2.82		94	80	120		6020
Arsenic	4.00	3.83		96	80	120		6020
Barium	4.00	3.90		97	80	120		6020
Beryllium	0.100	0.0918		92	80	120		6020
Cadmium	0.100	0.0955		95	80	120		6020
Chromium	0.400	0.374		94	80	120		6020
Copper	0.500	0.469		94	80	120		6020
Lead	1.00	0.971		97	80	120		6020
Molybdenum	5.00	4.69		94	80	120		6020
Nickel	1.00	0.950		95	80	120		6020
Selenium	4.00	3.94		98	80	120		6020
Silver	0.600	0.591		99	80	120		6020
Tin	5.00	4.88		98	80	120		6020
Zinc	1.00	1.16		116	80	120		6020

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 580-92388/24-A

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00008

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00214		107	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 580-92388/25-A

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00008

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.00209		0.00200	105	80-120	2	20		7470A

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 580-92388/26-A

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

Sample Matrix: Water LCS Source: Hg_CAL_WORK_00008

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.00200	0.00207		104	75	125		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job Number: 580-27877-1

SDG Number:

Matrix: Water Instrument ID: SEA044

Method: 6020 MDL Date: 06/10/2011 10:41

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Antimony		0.0004	0.00008
Arsenic		0.001	0.00075
Barium		0.0012	0.000054
Beryllium		0.0004	0.000102
Cadmium		0.0004	0.000028
Chromium		0.0004	0.00027
Copper		0.001	0.00011
Lead		0.0004	0.000034
Molybdenum		0.0008	0.00027
Nickel		0.003	0.00041
Selenium		0.001	0.00071
Silver		0.0004	0.00003
Tin		0.0014	0.0000178
Zinc		0.0014	0.00068

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Seattle Job Number: 580-27877-1

SDG Number:

Matrix: Water Instrument ID: SEA044

Method: 6020 XMDL Date: 06/24/2011 10:09

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Antimony		0.0004	0.00008
Arsenic		0.001	0.00075
Barium		0.0012	0.000054
Beryllium		0.0004	0.0001
Cadmium		0.0004	0.000028
Chromium		0.0004	0.00027
Copper		0.001	0.000196
Lead		0.0004	0.00004
Molybdenum		0.0008	0.0002
Nickel		0.003	0.0004
Selenium		0.0014	0.00071
Silver		0.0004	0.00003
Tin		0.0014	0.000024
Zinc		0.0014	0.0007

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-27877-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Method: 7470A MDL Date: 06/06/2011 08:34

Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury		0.0002	0.000041

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Seattle Job Number: 580-27877-1

SDG Number:

Matrix: Water Instrument ID: TAC103

Method: 7470A XMDL Date: 10/02/2008 10:39

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (ug/L)
Mercury		0.0002	0.000041

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Seattle Job No: 580-27877-1

SDG No.:

Instrument ID: SEA044 Date: 03/01/2010 06:51

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Antimony		5	6020
Arsenic		5	6020
Barium		5	6020
Beryllium		5	6020
Cadmium		5	6020
Chromium		5	6020
Copper		5	6020
Lead		5	6020
Molybdenum		5	6020
Nickel		5	6020
Selenium		5	6020
Silver		5	6020
Tin		5	6020
Zinc		5	6020

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-27877-1	08/09/2011 10:38	92342		50	50
580-27877-3	08/09/2011 10:38	92342		50	50
580-27877-4	08/09/2011 10:38	92342		50	50
580-27877-5	08/09/2011 14:25	92342		50	50
580-27877-6	08/09/2011 14:25	92342		50	50
MB 580-92342/16-A	08/09/2011 14:25	92342		50	50
LCS 580-92342/17-A	08/09/2011 14:26	92342		50	50
LCSD 580-92342/18-A	08/09/2011 14:26	92342		50	50
LCSSRM 580-92342/19-A	08/09/2011 14:26	92342		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
580-27877-1	08/09/2011 13:58	92388		50	50
580-27877-3	08/09/2011 13:58	92388		50	50
580-27877-4	08/09/2011 13:58	92388		50	50
580-27877-5	08/09/2011 13:58	92388		50	50
580-27877-6	08/09/2011 13:58	92388		50	50
MB 580-92388/23-A	08/09/2011 14:01	92388		50	50
LCS 580-92388/24-A	08/09/2011 14:01	92388		50	50
LCSD 580-92388/25-A	08/09/2011 14:01	92388		50	50
LCSSRM 580-92388/26-A	08/09/2011 14:01	92388		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Instrument ID: SEA044 Method: 6020

Start Date: 08/10/2011 08:24 End Date: 08/10/2011 14:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
STD0 580-92503/1 IC	1		08:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD1 580-92503/2 IC	1		08:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD2 580-92503/3 IC	1		08:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD3 580-92503/4 IC	1		08:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD4 580-92503/5 IC	1		08:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
STD5 580-92503/6 IC	1		08:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICV 580-92503/7	1		08:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICB 580-92503/8	1		08:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CRI 580-92503/9	1		09:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSA 580-92503/10	1		09:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ICSAB 580-92503/11	1		09:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-92503/12			09:35																				
CCB 580-92503/13			09:40																				
ZZZZZZ			09:45																				
ZZZZZZ			09:50																				
ZZZZZZ			09:54																				
ZZZZZZ			09:59																				
ZZZZZZ			10:04																				
ZZZZZZ			10:09																				
ZZZZZZ			10:13																				
ZZZZZZ			10:18																				
ZZZZZZ			10:23																				
ZZZZZZ			10:28																				
CCV 580-92503/24			10:32																				
CCB 580-92503/25			10:37																				
ZZZZZZ			10:42																				
ZZZZZZ			10:47																				
ZZZZZZ			10:52																				
ZZZZZZ			10:56																				
ZZZZZZ			11:01																				
ZZZZZZ			11:06																				
ZZZZZZ			11:11																				
CCV 580-92503/33			11:15																				
CCB 580-92503/34			11:20																				
CCV 580-92503/35	1		11:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-92503/36	1		12:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
MB 580-92342/16-A	5	R	12:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			12:13																				
ZZZZZZ			12:18																				
ZZZZZZ			12:23																				
ZZZZZZ			12:28																				
ZZZZZZ			12:32																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Instrument ID: SEA044 Method: 6020

Start Date: 08/10/2011 08:24 End Date: 08/10/2011 14:46

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Be	Cd	Cr	Cu	Mo	Ni	Pb	Sb	Se	Sn	Zn						
ZZZZZZ			12:37																				
LCS 580-92342/17-A	50	R	12:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSD 580-92342/18-A	50	R	12:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LCSSRM 580-92342/19-A	50	R	12:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-92503/47	1		12:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-92503/48	1		13:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			13:06																				
580-27877-1	5	R	13:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27877-3	5	R	13:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27877-4	5	R	13:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27877-5	5	R	13:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
580-27877-6	5	R	13:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCV 580-92503/55	1		13:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
CCB 580-92503/56	1		13:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
ZZZZZZ			13:44																				
ZZZZZZ			13:49																				
ZZZZZZ			13:54																				
ZZZZZZ			13:59																				
ZZZZZZ			14:04																				
ZZZZZZ			14:08																				
ZZZZZZ			14:13																				
ZZZZZZ			14:18																				
ZZZZZZ			14:23																				
ZZZZZZ			14:37																				
ZZZZZZ			14:42																				
ZZZZZZ			14:46																				

Prep Types
R = Total Recoverable

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 08/09/2011 13:33 End Date: 08/09/2011 17:25

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
STD0 580-92416/1 IC			13:33	X																			
STD1 580-92416/2 IC			13:35	X																			
STD2 580-92416/3 IC			13:36	X																			
STD3 580-92416/4 IC			13:38	X																			
STD4 580-92416/5 IC			13:40	X																			
STD5 580-92416/6 IC			13:41	X																			
ICV 580-92416/7	1		13:43	X																			
ICB 580-92416/8	1		13:45	X																			
CCV 580-92416/9			13:49																				
CCB 580-92416/10			13:51																				
ZZZZZZ			13:53																				
ZZZZZZ			13:54																				
ZZZZZZ			13:56																				
ZZZZZZ			13:58																				
ZZZZZZ			13:59																				
ZZZZZZ			14:01																				
ZZZZZZ			14:03																				
ZZZZZZ			14:04																				
ZZZZZZ			14:06																				
ZZZZZZ			14:08																				
CCV 580-92416/21			14:09																				
CCB 580-92416/22			14:11																				
CCV 580-92416/23	1		16:30	X																			
CCB 580-92416/24	1		16:31	X																			
MB 580-92388/23-A	1	T	16:33	X																			
LCS 580-92388/24-A	1	T	16:35	X																			
LCSD 580-92388/25-A	1	T	16:36	X																			
LCSSRM 580-92388/26-A	1	T	16:38	X																			
ZZZZZZ			16:40																				
ZZZZZZ			16:42																				
ZZZZZZ			16:43																				
ZZZZZZ			16:45																				
ZZZZZZ			16:47																				
ZZZZZZ			16:48																				
CCV 580-92416/35	1		16:50	X																			
CCB 580-92416/36	1		16:52	X																			
580-27877-1	1	T	16:53	X																			
580-27877-3	1	T	16:55	X																			
580-27877-4	1	T	16:57	X																			
580-27877-5	1	T	16:58	X																			
580-27877-6	1	T	17:00	X																			
ZZZZZZ			17:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Instrument ID: TAC103 Method: 7470A

Start Date: 08/09/2011 13:33 End Date: 08/09/2011 17:25

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			17:03																				
ZZZZZZ			17:05																				
ZZZZZZ			17:07																				
ZZZZZZ			17:08																				
CCV 580-92416/47	1		17:10	X																			
CCB 580-92416/48	1		17:11	X																			
ZZZZZZ			17:13																				
ZZZZZZ			17:15																				
ZZZZZZ			17:17																				
ZZZZZZ			17:18																				
ZZZZZZ			17:20																				
ZZZZZZ			17:22																				
CCV 580-92416/55			17:23																				
CCB 580-92416/56			17:25																				

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

ICP-MS Instrument ID: SEA044 Start Date: 08/10/2011 End Date: 08/10/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Li-6	Q	Element Sc	Q	Element Ge	Q	Element Rh	Q
STD0 580-92503/1 IC	08:24	100		100		100		100		100	
STD1 580-92503/2 IC	08:29	100		98		100		101		99	
STD2 580-92503/3 IC	08:33	99		95		100		101		99	
STD3 580-92503/4 IC	08:38	99		95		101		101		98	
STD4 580-92503/5 IC	08:43	96		93		100		101		97	
STD5 580-92503/6 IC	08:48	98		96		102		101		97	
ICV 580-92503/7	08:52	98		93		103		102		98	
ICB 580-92503/8	08:57	99		95		103		102		100	
CRI 580-92503/9	09:02	98		94		102				100	
ICSA 580-92503/10	09:07	99		97		102		99		89	
ICSAB 580-92503/11	09:12	97		96		101		100		89	
CCV 580-92503/35	11:59	96		91		105		104		97	
CCB 580-92503/36	12:03	98		92		107		105		102	
MB 580-92342/16-A	12:08					106				101	
LCS 580-92342/17-A	12:42					106				100	
LCSD 580-92342/18-A	12:47					104				100	
LCSSRM	12:52					106				102	
CCV 580-92503/47	12:56	95		90		107		105		97	
CCB 580-92503/48	13:01	98		94		107		106		101	
580-27877-1	13:11					103				97	
580-27877-3	13:15					103				97	
580-27877-4	13:20					104				96	
580-27877-5	13:25					103				97	
580-27877-6	13:30					103				96	
CCV 580-92503/55	13:34	97		91		107		105		99	
CCB 580-92503/56	13:39	98		92		107		106		101	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

ICP-MS Instrument ID: SEA044 Start Date: 08/10/2011 End Date: 08/10/2011

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ho	Q	Element Lu	Q	Element Bi	Q	Element	Q	Element	Q
STD0 580-92503/1 IC	08:24	100		100		100					
STD1 580-92503/2 IC	08:29	100		102		100					
STD2 580-92503/3 IC	08:33	101		102		100					
STD3 580-92503/4 IC	08:38	100		103		101					
STD4 580-92503/5 IC	08:43	100		103		99					
STD5 580-92503/6 IC	08:48	99		102		97					
ICV 580-92503/7	08:52	100		104		100					
ICB 580-92503/8	08:57	101		103		103					
CRI 580-92503/9	09:02	101		103							
ICSA 580-92503/10	09:07	96		99		90					
ICSAB 580-92503/11	09:12	97		99		90					
CCV 580-92503/35	11:59	101		106		100					
CCB 580-92503/36	12:03	102		107		104					
MB 580-92342/16-A	12:08	103		107							
LCS 580-92342/17-A	12:42	102		106							
LCSD 580-92342/18-A	12:47	101		107							
LCSSRM	12:52	103		109							
CCV 580-92503/47	12:56	103		107		101					
CCB 580-92503/48	13:01	104		107		104					
580-27877-1	13:11	102		108							
580-27877-3	13:15	102		108							
580-27877-4	13:20	103		107							
580-27877-5	13:25	102		108							
580-27877-6	13:30	103		107							
CCV 580-92503/55	13:34	104		109		102					
CCB 580-92503/56	13:39	104		109		105					

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Batch Number: 92342 Batch Start Date: 08/09/11 14:45 Batch Analyst: Froyland, Zoe

Batch Method: 3005A Batch End Date: 08/09/11 18:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	m-GPS-1 00021	m-GPS-2 00018	m-GPS-3 00018	m-GPS-4 00020
580-27877-D-1	MW-06-08082011	3005A, 6020	R	50 mL	50 mL				
580-27877-D-3	EW-A-08082011	3005A, 6020	R	50 mL	50 mL				
580-27877-D-4	EW-B-08082011	3005A, 6020	R	50 mL	50 mL				
580-27877-D-5	MW-07-08082011	3005A, 6020	R	50 mL	50 mL				
580-27877-D-6	MW-05-08082011	3005A, 6020	R	50 mL	50 mL				
MB 580-92342/16		3005A, 6020		50 mL	50 mL				
LCS 580-92342/17		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSD 580-92342/18		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL
LCSSRM 580-92342/19		3005A, 6020		50 mL	50 mL	1 mL	1 mL	1 mL	1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MS-HgSpk 00011					
580-27877-D-1	MW-06-08082011	3005A, 6020	R						
580-27877-D-3	EW-A-08082011	3005A, 6020	R						
580-27877-D-4	EW-B-08082011	3005A, 6020	R						
580-27877-D-5	MW-07-08082011	3005A, 6020	R						
580-27877-D-6	MW-05-08082011	3005A, 6020	R						
MB 580-92342/16		3005A, 6020							
LCS 580-92342/17		3005A, 6020		1 mL					
LCSD 580-92342/18		3005A, 6020		1 mL					
LCSSRM 580-92342/19		3005A, 6020		1 mL					

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Batch Number: 92342 Batch Start Date: 08/09/11 14:45 Batch Analyst: Froyland, Zoe

Batch Method: 3005A Batch End Date: 08/09/11 18:45

Batch Notes	
Lot # of hydrochloric acid	733839
Lot # of Nitric Acid	744520
Hood ID or number	06
Hot Block ID number	38009
Oven, Bath or Block Temperature 1	93.5 CORRECTED-TEMP
Pipette ID	20051014
ID number of the thermometer	15-041-1A-A
Digestion Tube/Cup Lot #	745282
Uncorrected Temperature	95 Celsius

Basis	Basis Description
R	Total Recoverable

METALS BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Batch Number: 92388 Batch Start Date: 08/09/11 13:58 Batch Analyst: Boardway, Peter A

Batch Method: 7470A Batch End Date: 08/09/11 16:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Hg_CAL_WORK 00008			
580-27877-D-1	MW-06-08082011	7470A, 7470A	T	50 mL	50 mL				
580-27877-D-3	EW-A-08082011	7470A, 7470A	T	50 mL	50 mL				
580-27877-D-4	EW-B-08082011	7470A, 7470A	T	50 mL	50 mL				
580-27877-D-5	MW-07-08082011	7470A, 7470A	T	50 mL	50 mL				
580-27877-D-6	MW-05-08082011	7470A, 7470A	T	50 mL	50 mL				
MB 580-92388/23		7470A, 7470A		50 mL	50 mL				
LCS 580-92388/24		7470A, 7470A		50 mL	50 mL	1 mL			
LCSD 580-92388/25		7470A, 7470A		50 mL	50 mL	1 mL			
LCSSRM 580-92388/26		7470A, 7470A		50 mL	50 mL	1 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	745486
Sulfuric Acid Lot Number	724700
Lot # of Nitric Acid	744520
Hood ID or number	06
Hot Block ID number	38010
Potassium Persulfate Lot Number	654652
Potassium Permanganate Lot Number	654649
NaCL Lot #	654642
Oven, Bath or Block Temperature 1	93.5 CORRECTED-TEMP Celsius
Pipette ID	20051014
Stannous Chloride Lot Number	745488
Temperature	93.5 CORRECTED-TEMP
ID number of the thermometer	15-041-1A-A
Digestion Tube/Cup Lot #	745282
Uncorrected Temperature	95 Celsius

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-27877-1

SDG No.:

Project: GE Yakima-Yakima,WA

Client Sample ID	Lab Sample ID
MW-06-08082011	580-27877-1
EW-A-08082011	580-27877-3
EW-B-08082011	580-27877-4
MW-07-08082011	580-27877-5
MW-05-08082011	580-27877-6

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-06-08082011 Lab Sample ID: 580-27877-1

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 08:06

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EW-A-08082011 Lab Sample ID: 580-27877-3

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 10:48

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: EW-B-08082011 Lab Sample ID: 580-27877-4

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 12:23

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-07-08082011 Lab Sample ID: 580-27877-5

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 14:39

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-05-08082011 Lab Sample ID: 580-27877-6

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG ID.:

Matrix: Water Date Sampled: 08/08/2011 16:07

Reporting Basis: WET Date Received: 08/09/2011 07:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
18540-29-9	Chromium, hexavalent	ND	0.010	0.0060	mg/L			1	SM 3500 CR D

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Analyst: SH Batch Start Date: 08/09/2011

Reporting Units: mg/L Analytical Batch No.: 92343

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	08:05	Chromium, hexavalent	0.204	0.200	102	90-110		Hex Cr Spk_00007
2	ICB	08:05	Chromium, hexavalent	ND					
12	CCV	08:05	Chromium, hexavalent	0.203	0.200	102	90-110		Hex Cr Spk_00007
13	CCB	08:05	Chromium, hexavalent	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 92343	Date: 08/09/2011 08:05						
SM 3500 CR D	MB 580-92343/3	Chromium, hexavalent	ND		mg/L	0.010	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 92343		Date: 08/09/2011 08:05									
SM 3500 CR D	580-27877-1	Chromium, hexavalent	ND		mg/L						
SM 3500 CR D	580-27877-1 MS	Chromium, hexavalent	0.191		mg/L	0.200	96	85-115			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 92343 Date: 08/09/2011 08:05								
SM 3500 CR D	MW-06-08082011	580-27877-1	Chromium, hexavalent	ND	mg/L			
SM 3500 CR D	MW-06-08082011	580-27877-1 DU	Chromium, hexavalent	ND	mg/L	NC	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 92343		Date: 08/09/2011 08:05									
						LCS Source: Hex Cr Spk_00007					
SM 3500 CR D	LCS 580-92343/4	Chromium, hexavalent	0.203		mg/L	0.200	102	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-27877-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 3500 CR D MDL Date: 06/02/2011 13:52

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chromium, hexavalent		0.01	0.006

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job Number: 580-27877-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 3500 CR D XMDL Date: 06/02/2011 13:48

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chromium, hexavalent		0.01	0.006

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 3500 CR D

Start Date: 08/09/2011 08:05 End Date: 08/09/2011 08:05

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cr6																			
ICV 580-92343/1	1		08:05	X																			
ICB 580-92343/2	1		08:05	X																			
MB 580-92343/3	1	T	08:05	X																			
LCS 580-92343/4	1	T	08:05	X																			
580-27877-1	1	T	08:05	X																			
580-27877-1 DU	1	T	08:05	X																			
580-27877-1 MS	1	T	08:05	X																			
580-27877-5	1	T	08:05	X																			
580-27877-4	1	T	08:05	X																			
580-27877-6	1	T	08:05	X																			
580-27877-3	1	T	08:05	X																			
CCV 580-92343/12	1		08:05	X																			
CCB 580-92343/13	1		08:05	X																			

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Seattle Job No.: 580-27877-1

SDG No.:

Batch Number: 92343 Batch Start Date: 08/09/11 08:05 Batch Analyst: Hawn, Stevie

Batch Method: SM 3500 CR D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CalcMsg	Hex Cr Spk 00007		
ICV 580-92343/1		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
ICB 580-92343/2		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			
MB 580-92343/3		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			
LCS 580-92343/4		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
580-27877-A-1	MW-06-08082011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27877-A-1 DU	MW-06-08082011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27877-A-1 MS	MW-06-08082011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank	100 uL		
580-27877-A-5	MW-07-08082011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27877-A-4	EW-B-08082011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27877-A-6	MW-05-08082011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
580-27877-A-3	EW-A-08082011	SM 3500 CR D	T	50 mL	50 mL	Color Resp. is Blank			
CCV 580-92343/12		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank	100 uL		
CCB 580-92343/13		SM 3500 CR D		50 mL	50 mL	Color Resp. is Blank			

Batch Notes	

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: MWH Americas Inc

Job Number: 580-27877-1

Login Number: 27877

List Source: TestAmerica Seattle

List Number: 1

Creator: Luna, Francisco

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

DATA VALIDATION REPORT

GE Aviation – Yakima

Nine groundwater samples and associated quality assurance/quality control (QA/QC) samples were collected from the GE Aviation Yakima Site between August 4 and August 8, 2011. The samples were analyzed by Test America Laboratories, Inc., Tacoma, Washington for one or more of the following: volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) methods SW-846 8260B; total metals by USEPA Methods SW-846 6020/7470A; and, hexavalent chromium by Standard Method (SM) 3500.

The analytical data were reviewed based on the results of the data evaluation parameters and/or the QC sample results provided by the laboratory.

VOCs

Sample Delivery Group (SDG) 580-27847-1

The method blank associated with all samples indicated a detection of methylene chloride (0.195 micrograms per liter [µg/L]). Samples exhibiting detections of methylene chloride at concentrations less than 10X the method blank concentration were qualified "B" indicating blank contamination.

The trip blank associated with all samples indicated a detection of methylene chloride (0.22 µg/L). None of the associated samples indicated detections of methylene chloride; therefore, no qualifiers were issued.

SDG 580-27877-1

The method blank associated with all samples indicated a detection of methylene chloride (0.195 µg/L). None of the associated samples indicated detections of methylene chloride; therefore, no qualifiers were issued.

Metals

SDG 580-27847-1

The initial calibration blank (ICB) associated with all samples indicated detections of molybdenun (0.000236 milligrams per liter [mg/L]) and tin (0.000032 mg/L). Samples exhibiting detections of these analytes at concentrations less than 10X the ICB concentration were qualified "B" indicating blank contamination.

The continuing calibration blank (CCB) associated with all samples indicated detections of molybdenun (0.000367 mg/L) and tin (0.000078 mg/L). Samples exhibiting detections of these analytes at concentrations less than 10 X the CCB concentration were qualified "B" indicating blank contamination.

The hexavalent chromium analysis of samples EB-01-08042011, MW-04-08042011, and MW-02-08052011 were per formed five days out side of the method prescribed hold time. Therefore, the hexavalent chromium results for these samples (all non detect at 0.006 mg/L) were qualified "R" indicating they are rejected as unusable.

SDG 580-27877-1

The ICB associated with all samples indicated a detection of tin (0.000167 mg/L). Samples exhibiting detections of these analytes at concentrations less than 10X the ICB concentration were qualified “B” indicating blank contamination.

The CCB associated with all samples indicated a detection of tin (0.000343 mg/L). Samples exhibiting detections of these analytes at concentrations less than 10X the CCB concentration were qualified “B” indicating blank contamination.

The method blank associated with all samples indicated detections of barium (0.000415 mg/L) and tin (0.000299 mg/L). Samples exhibiting detections of these analytes at concentrations less than 10X the CCB concentration were qualified “B” indicating blank contamination.

Based on the results of this data validation, all data for the GE Aviation Yakima Site are considered complete and valid as qualified, with the exception of those rejected as unusable.